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Alfred Baker

CHARTER,
SUPPLEMENTAL CHARTERS,
BY-LAWS,
AND
LIST OF MEMBERS
OF
THE INSTITUTION OF CIVIL ENGINEERS.

ESTABLISHED 2 JAN. 1818—INCORPORATED BY ROYAL CHARTER 3 JUNE, 1828,

"FOR THE GENERAL ADVANCEMENT OF MECHANICAL SCIENCE."

1 JULY, 1914.

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CHARTER.



C H A R T E R

OF

The Institution of Civil Engineers.

INCORPORATED 3 JUNE, 1828.

GEORGE THE FOURTH, by the Grace of God, of the United Kingdom of Great Britain and Ireland King, Defender of the Faith: To all to whom these Presents shall come, Greeting:

WHEREAS THOMAS TELFORD, of Abingdon Street, in our city of Westminster, Esquire, a Fellow of the Royal Societies of London and Edinburgh, and others of our loving subjects, have formed themselves into a Society for the general advancement of Mechanical Science, and more particularly for promoting the acquisition of that species of knowledge which constitutes the profession of a Civil Engineer, being the art of directing the Great Sources of Power in Nature for the use and convenience of man, as the means of production and of traffic in states both for external and internal trade, as applied in the construction of roads, bridges, aqueducts, canals, river navigation and docks, for internal intercourse and exchange, and in the construction of ports, harbours, moles, breakwaters and lighthouses, and in the art of navigation by artificial power for the purposes of commerce, and in the construction and adaptation of machinery, and in the drainage of cities and towns: And have subscribed and collected considerable sums of money for those purposes: And We have been besought to grant to them, and to those who shall hereafter become members of the same Society, our Royal Charter of Incorporation, for the purposes aforesaid: Now KNOW YE, that We, being desirous of encouraging a design so laudable and salutary, of our especial grace, certain knowledge, and mere motion, have

The nature and
object of the
Society.

Name of the
Society.

willed, granted, and declared: And do by these presents, for us, our heirs and successors, will, grant, and declare, that the said THOMAS TELFORD, and such others of our loving subjects as have formed themselves into, and are now members of the said Society, or who shall at any time hereafter become members thereof, according to such regulations or by-laws as shall be hereafter framed or enacted, shall, by virtue of these presents, be the members of, and form one Body Politic and Corporate, for the purposes aforesaid, by the name of "THE INSTITUTION OF CIVIL ENGINEERS;" by which name they shall have perpetual succession, and a common seal, with full power and authority to alter, vary, break, and renew the same, at their discretion: and by the same name to sue, and be sued, implead, and be impleaded, answer, and be answered unto, in every court of us, our heirs and successors; and be forever able and capable in the law, to purchase, receive, possess, and enjoy to them and their successors, any goods and chattels whatsoever, and also be able and capable in the law (notwithstanding the statutes of mortmain) to take, purchase, possess, hold and enjoy to them and their successors, a Hall, and any messuages, lands, tenements, or hereditaments whatsoever, the yearly value of which, including the site of the said Hall, shall not exceed in the whole the sum of one thousand pounds, computing the same respectively at the rack-rent which might have been had or gotten for the same respectively at the time of the purchase or acquisition thereof; and to act in all the concerns of the said body politic and corporate for the purposes aforesaid, as fully and effectually to all intents, effects, constructions, and purposes whatsoever, as any other of our liege subjects, or any other body politic or corporate in our United Kingdom of Great Britain and Ireland, not being under any disability, might do in their respective concerns. And We do hereby grant our especial licence and authority unto all and every person and persons, bodies politic and corporate (otherwise competent), to grant, sell, alien, and convey in mortmain, unto and to the use of the said Society, and their successors, any messuages, lands, tenements, or hereditaments, not exceeding such annual value as aforesaid. And our will and pleasure is, and We further

grant and declare, that there shall be a General Meeting of the members of the said body politic and corporate, to be held from time to time, as hereinafter mentioned, and that there shall always be a Council, to direct and manage the concerns of the said body politic and corporate; and that the General Meetings and the Council shall have the entire direction and management of the same, in the manner, and subject to the regulations, hereinafter mentioned. But our will and pleasure is, that at all General Meetings, and Meetings of the Council, the majority of the members present, and having a right to vote thereat respectively, shall decide upon the matters propounded at such Meetings, the person presiding therein having, in case of an equality of numbers, a second or casting vote. And We do hereby also will, grant, and declare, that the Council shall consist of a President, four Vice-Presidents, and not more than fifteen, nor less than seven other Members, to be elected out of the Members of the said body politic and corporate; and that the first Members of the Council, exclusive of the President, shall be elected within six calendar months after the date of this our Charter; and that the said THOMAS TELFORD shall be the first President of the said body politic and corporate. And We do hereby further will, grant, and declare, that it shall be lawful for the Members of the said body politic and corporate, hereby established, to hold General Meetings once in the year, or oftener, for the purposes hereinafter mentioned (viz.); That the General Meeting shall choose the President, Vice-Presidents, and other Members of the Council; that the General Meetings shall make and establish such by-laws as they shall deem to be useful and necessary for the regulation of the said body politic and corporate, for the admission of Members, for the management of the estates, goods and business of the said body politic and corporate, and for fixing and determining the manner of electing the President, Vice-Presidents, and other Members of the Council, and the period of their continuance in office; as also of electing and appointing a Treasurer, two Auditors, and two Secretaries, and such other officers, attendants, and servants, as shall be deemed necessary or useful for the said body politic and corporate; and such by-laws

A General Meeting and Council.

The Member presiding at any Meeting shall have a second or casting vote. Constitution of the Council.

General Meetings.

General Meetings to make by-laws and regulations.

Mode of electing Officers to be defined by by-laws.

By-laws may be altered.

No by-law to be repugnant to this Charter.

Council to have sole management of the funds.

Property vested in the Members.

No by-laws to be made contrary to the laws of this Realm.

from time to time shall or may alter, vary, or revoke, and shall or may make such new and other by-laws as they shall think most useful and expedient, so that the same be not repugnant to these presents, or to the laws and statutes of this our Realm; and shall and may also enter into any resolution, and make any regulation, respecting any of the affairs and concerns of the said body politic and corporate, that shall be thought necessary and proper. And We further will, grant, and declare, that the Council shall have the sole management of the income and funds of the said body politic and corporate, and also the entire management and superintendence of all the other affairs and concerns thereof; and shall or may, but not inconsistently with, or contrary to the provisions of this our Charter, or any existing by-law, or the laws and statutes of this our Realm, do all such acts and deeds as shall appear to them necessary or essential to be done, for the purpose of carrying into effect the objects and views of the said body politic and corporate. And We further will, grant, and declare, that the whole property of the said body politic and corporate shall be vested, and We do hereby vest the same solely and absolutely in the Members thereof, and that they shall have full power and authority to sell, alienate, charge or otherwise dispose of the same, as they shall think proper; but that no sale, mortgage, incumbrance, or other disposition of any messuages, lands, tenements, or hereditaments, belonging to the said body politic and corporate, shall be made, except with the approbation and concurrence of a General Meeting. And We lastly declare it to be our Royal will and pleasure, that no resolution, or by-law, shall on any account or pretence whatsoever be made by the said body politic and corporate in opposition to the general scope, true intent, and meaning of this our Charter, or the laws or statutes of our Realm; and that if any such rule or by-law shall be made, the same shall be absolutely null and void, to all intents, effects, constructions, and purposes whatsoever. In witness whereof We have caused these our Letters to be made Patent. Witness Ourself at our Palace of Westminster, this third day of June, in the ninth year of our reign.

By Writ of Privy Seal.

SCOTT.

SUPPLEMENTAL CHARTER, 1887.



SUPPLEMENTAL CHARTER.

3 August, 1887.

VICTORIA, by the Grace of God, of the United Kingdom of Great Britain and Ireland Queen, Defender of the Faith: To all to whom these presents shall come, Greeting:

WHEREAS the body politic and corporate of THE INSTITUTION OF CIVIL ENGINEERS was incorporated under or by virtue of a certain Charter or Letters Patent bearing date at Westminster the 3rd day of June in the ninth year of the Reign of King George the Fourth, and the said Institution is now regulated and governed by and according to the provisions of the said Charter or Letters Patent, and also by or according to certain by-laws and regulations made by the said Institution: AND WHEREAS by the said Charter or Letters Patent the said Institution has full power and authority *inter alia* to be able and capable in the law (notwithstanding the statutes of mortmain) to take, purchase, possess, hold and enjoy to them and their successors a Hall, and any messuages, lands, tenements or hereditaments whatsoever, the yearly value of which, including the site of the said Hall, shall not exceed in the whole the sum of one thousand pounds, computing the same respectively at the rack-rent which might have been had or gotten for the same respectively at the time of the purchase or acquisition thereof: AND WHEREAS the said Institution presented their humble petition to us, alleging, *inter alia*, as follows:

“At the time the said Charter was granted the number of members of all classes was 156, and the income for that year was £446 16s.; the number of members of all classes on the 3rd of June, 1886, was 5,174, and the total annual receipts of the said Institution for the past year were £19,945. The premises now

occupied by the Institution are situate at No. 25 Great George Street, Westminster, and the Institution entered into possession of them at Christmas 1839. The said premises have become and are totally inadequate for the accommodation now required: It is therefore in contemplation to acquire additional property adjoining the said premises for the extension thereof. The powers of the Charter as to holding land have become exhausted, and the Institution are therefore desirous that the yearly value of the property to be held by them should be extended to the sum of £10,000 at the time of purchase."

Therefore the petitioners most humbly supplicated Us to grant Our Royal Charter, enlarging the Charter of Incorporation for the purpose of empowering the Institution to purchase and hold messuages, lands, tenements and hereditaments of a yearly value not exceeding at the time of purchase the sum of £10,000.

NOW KNOW YE, that We, taking the premises into Our Royal consideration of Our especial grace, certain knowledge and mere motion, have granted, constituted and appointed, and by these presents for Us, Our heirs and successors, do grant, constitute and appoint as follows, that is to say:—

1. That the powers of The Institution of Civil Engineers notwithstanding the Statutes of Mortmain, to take purchase, possess, hold and enjoy to them and their successors, a Hall, and any messuages, tenements or hereditaments whatsoever, the yearly value whereof was not to exceed the yearly value in the said Charter mentioned, and the powers unto all and every person and persons, bodies politic and corporate (otherwise competent), to grant, sell, alien, and convey in mortmain, unto and to the use of the said Society, and their successors, any messuages, lands, tenements or hereditaments, not exceeding the yearly value therein mentioned, shall be and are hereby extended, so that the yearly value of the Hall, messuages, lands, tenements and hereditaments, acquired or to be acquired

under the said Charter and this Charter, shall not exceed £8,000, computing the same respectively at the rack-rent which might have been had or gotten for the same respectively at the time of the purchase or acquisition thereof: PROVIDED, that such messuages, tenements or hereditaments shall be aliened, taken and held by the said Institution to be used and enjoyed solely for the purposes thereof and not otherwise.

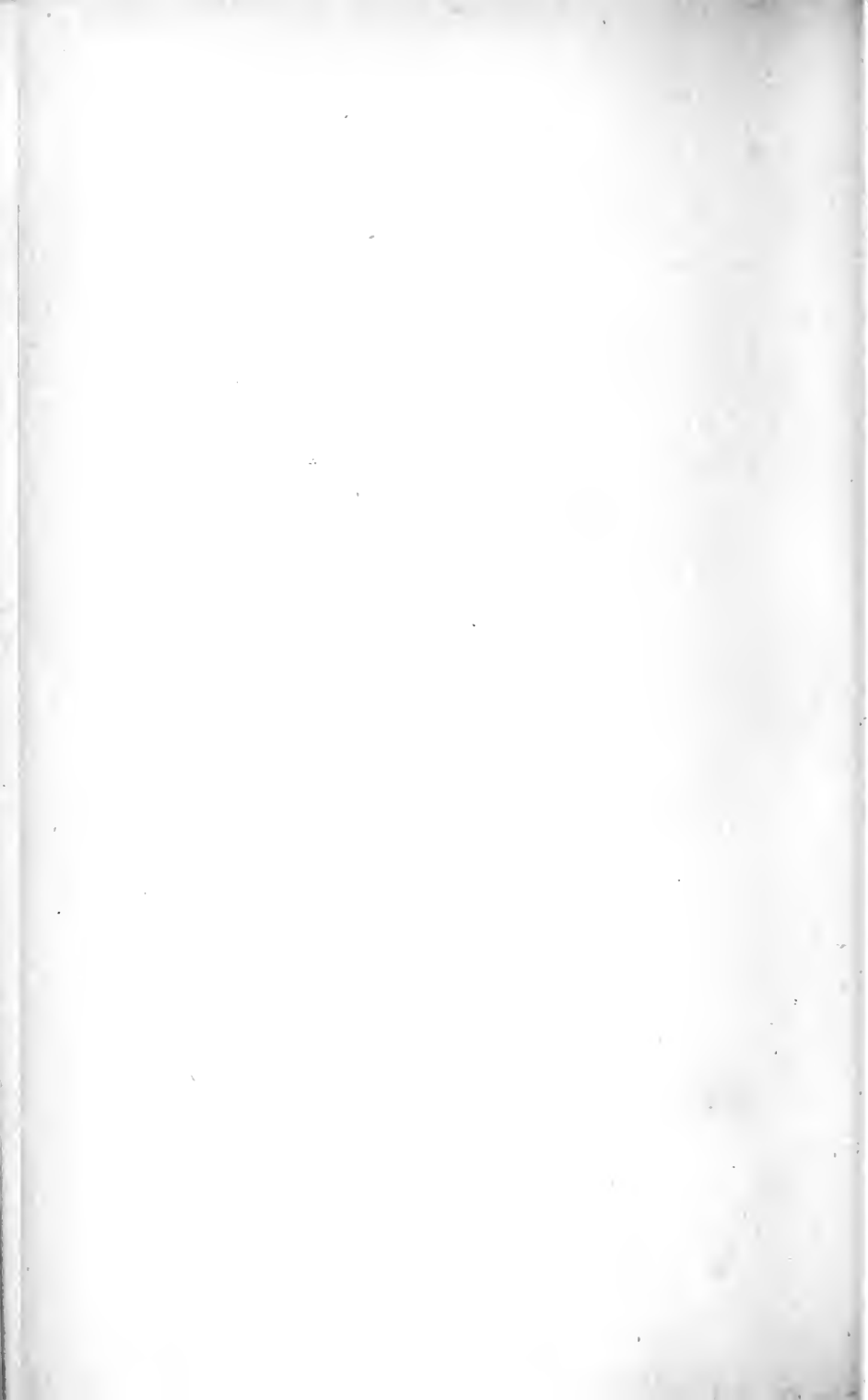
2. And We do hereby, for Us, Our heirs and successors, grant and declare that these Our Letters Patent or the enrolment or exemplification thereof, shall be in all things valid and effectual in law according to the true intent and meaning of the same, and shall be construed and adjudged in the most favourable and beneficial sense for the best advantage of the said Institution, as well in Our Courts as elsewhere, notwithstanding any recital, misrecital, uncertainty or imperfection in these Our Letters Patent.

IN WITNESS whereof We have caused these Our Letters to be made Patent. Witness ourself at Westminster the 3rd day of August, in the fifty-first year of Our Reign.

BY WARRANT UNDER THE QUEEN'S SIGN
MANUAL.

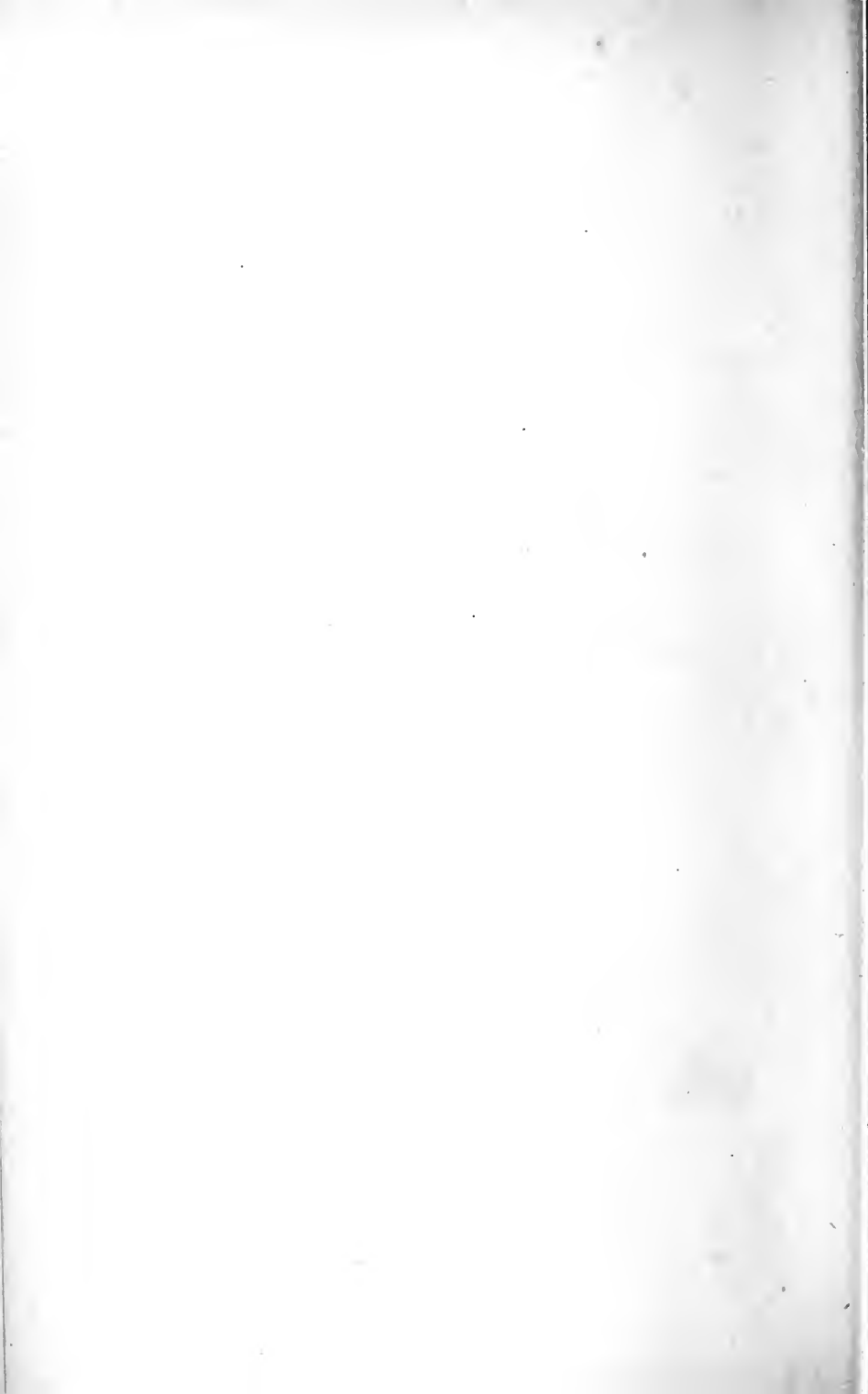
MUIR MACKENZIE.





SUPPLEMENTAL CHARTER, 1896.

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SUPPLEMENTAL CHARTER.

20 March, 1896.

VICTORIA, by the Grace of God, of the United Kingdom of Great Britain and Ireland, Queen, Defender of the Faith: To all to whom these presents shall come, Greeting:

WHEREAS the body politic and corporate of THE INSTITUTION OF CIVIL ENGINEERS was incorporated under or by virtue of a certain Charter or Letters Patent bearing date at Westminster the 3rd day of June, in the ninth year of the reign of King George the Fourth, and the said Institution is now regulated and governed by and according to the provisions of the said Charter or Letters Patent, and a certain Supplemental Charter or Letters Patent, dated the 3rd day of August, in the fifty-first year of Our reign, and by or according to certain By-laws and regulations made by the said Institution. AND WHEREAS by the said Charter or Letters Patent of the ninth year of the reign of King George the Fourth it is provided (inter alia) that there shall be a General Meeting of the Members of the said body politic and corporate to be held from time to time as therein mentioned, and that there shall always be a Council to direct and manage the concerns of the said body politic and corporate, and that the General Meetings and the Council shall have the entire direction and management of the same in the manner and subject to the regulations therein mentioned, and that at all General Meetings and Meetings of the Council the majority of the members present and having the right to vote thereat respectively shall decide upon the matters propounded at such Meetings, the person presiding therein having, in case of an equality of numbers, a second or casting vote. And that the Council shall consist of a President, four Vice Presidents, and not more than fifteen

nor less than seven other Members, to be elected out of the said body politic and corporate, and that it shall be lawful for the said body politic and corporate to hold General Meetings once in the year or oftener, for the purposes therein mentioned, including (inter alia) that the General Meeting shall choose the President, Vice Presidents, and other Members of the Council, and that the General Meetings shall make and establish such By-laws as they shall deem to be useful and necessary for the regulation of the said body politic and corporate and (inter alia) for fixing and determining the manner of electing the President, Vice Presidents, and other Members of the Council. AND WHEREAS the said recited portions of the Charter of the ninth year of the reign of King George the Fourth were unaffected by the said Supplemental Charter of the fifty-first year of Our reign, and still remain in force. AND WHEREAS the said Institution presented their humble Petition to Us alleging (inter alia) as follows :—

At the time the said Charter of the ninth year of the reign of King George the Fourth was granted, the number of Members of all classes was one hundred and fifty-six ; the prescribed number of the Council was sufficient to enable the Institution to place upon the Council an adequate number of representative men having regard to the total number of Members, and the scope of all branches of Engineering science, as then taught and practised throughout the Realm ; and the number of Members residing in or near to the Metropolis formed a large proportion of the whole number, and could reasonably be expected personally to attend General Meetings for the purpose of electing a President, Vice Presidents, and other Members of the Council.

On the 2nd day of January, One thousand eight hundred and ninety-six, the number of Members of all classes was Five thousand nine hundred and sixty-nine ; the prescribed number of Members of the Council is no longer sufficient to enable the Institution to place on the Council an adequate number of representative

men having regard to the total number of Members, and the scope of all branches of Engineering science, as now taught and practised throughout the Realm ; and the number of Members residing in or near the Metropolis now forms a comparatively small portion of the whole number, and a large proportion cannot now be reasonably expected, personally, to attend General Meetings for the purpose of electing a President, Vice Presidents, and other Members of Council. It is desired by the Members of the Institution, and is expedient, that the maximum number of Members of the Council (exclusive of the President and Vice Presidents) should no longer be limited to fifteen, but should be such number as may be from time to time fixed by the By-laws, having regard to the growth and requirements of the Institution, and that in the maximum number there may be included such number (not being more than four), of Past Presidents of the Institution, to be appointed by the Council from time to time in accordance with By-laws to be made in that behalf, to act as Members of the Council together with the President, Vice Presidents, and elected Members of the Council ; and that the minimum number of Members of the Council (exclusive of the President and Vice Presidents, but inclusive of any Past Presidents appointed as aforesaid) should be raised from seven to twenty-two ; and that the power of taking part in the election of a President, Vice Presidents, and elected Members of Council should not be confined to Members actually present at a General Meeting ; and that the Institution should have power to conduct such election by means of ballot or voting papers in such manner as may be from time to time prescribed by By-laws made in accordance with the said Charters.

Therefore the Petitioners most humbly supplicated Us to grant Our Royal Charter for the purpose of enabling the number of Members of the Council of the Institution to be enlarged in manner aforesaid, and for the purpose of

enabling the votes of Members not actually present at a Meeting to be taken into account in the election of the President, Vice Presidents, and other Members of the Council of the Institution.

NOW KNOW YE that We, taking the premises into Our Royal consideration, of Our especial grace, certain knowledge and mere motion, Have granted, constituted, and appointed, and by these presents, for Us, Our heirs and successors, Do grant, constitute and appoint in manner following, that is to say :—

THAT, notwithstanding anything in the Charter of the ninth year of the reign of King George the Fourth, incorporating THE INSTITUTION OF CIVIL ENGINEERS, the By-laws of the Institution may from time to time prescribe a maximum number of Members of the Council (other than and exclusive of the President and Vice Presidents) and that from and after the enactment of any such By-law the number of Members of the Council (other than and exclusive of the President and Vice Presidents) shall not be more than the maximum so prescribed, nor less than twenty-two.

THAT, notwithstanding anything in the said Charter, the By-laws of the Institution may from time to time prescribe that a certain number (not being more than four) of the Members of the Council shall be former Presidents of the Institution, to be appointed by the Council from time to time, in accordance with such By-laws, to act as Members of Council together with the President, Vice Presidents, and elected Members of the Council, and so that the Past Presidents so appointed shall, while they hold office under such appointment, be deemed to be members of the Council for the purpose of computing the maximum and minimum number of Members, and for all other purposes.

THAT, notwithstanding anything in the said Charter, the votes of Members not actually present at Meetings at which the election of the President, Vice Presidents, and other Members of the Council (other than Past Presidents appointed under this Our Charter) is propounded, or at which the President, Vice Presidents, and Members (other than as last aforesaid) are chosen, may be taken into account by means of ballot or voting papers or instruments of proxy

as may be prescribed by by-laws from time to time framed for that purpose by the Institution.

THAT the Council, consisting of a President, four Vice Presidents, and not more than the maximum number for the time being prescribed by the By-laws, nor less than twenty-two other Members constituted in accordance with this Our Charter, shall have the direction and management of the concerns of the said body politic and corporate, and the rights and duties conferred on the Council elected out of the said body politic and corporate in accordance with the said Charter of the ninth year of the reign of King George the Fourth.

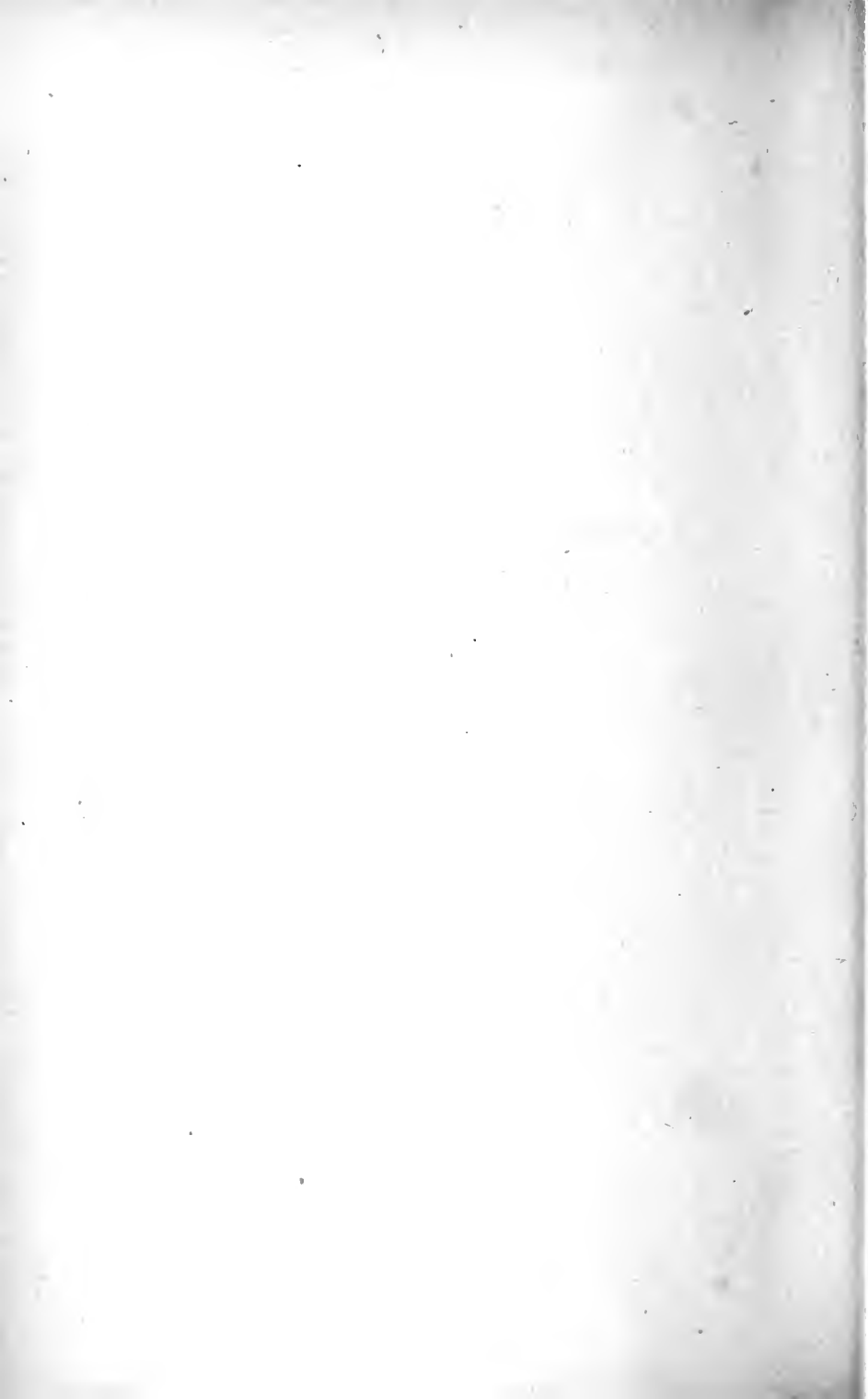
AND We do hereby, for Us, Our heirs and successors, grant and declare that these Our Letters Patent, or the enrolment or exemplification thereof, shall be in all things valid and effectual in law according to the true intent and meaning of the same, and shall be construed and adjudged in the most favourable and beneficial sense for the best advantage of the said Institution, as well in Our Courts as elsewhere, notwithstanding any recital, misrecital, uncertainty, or imperfection in these Our Letters Patent.

IN WITNESS whereof We have caused these Our Letters to be made Patent. Witness Ourselves at Westminster, the twentieth day of March, in the Fifty-ninth year of our reign.

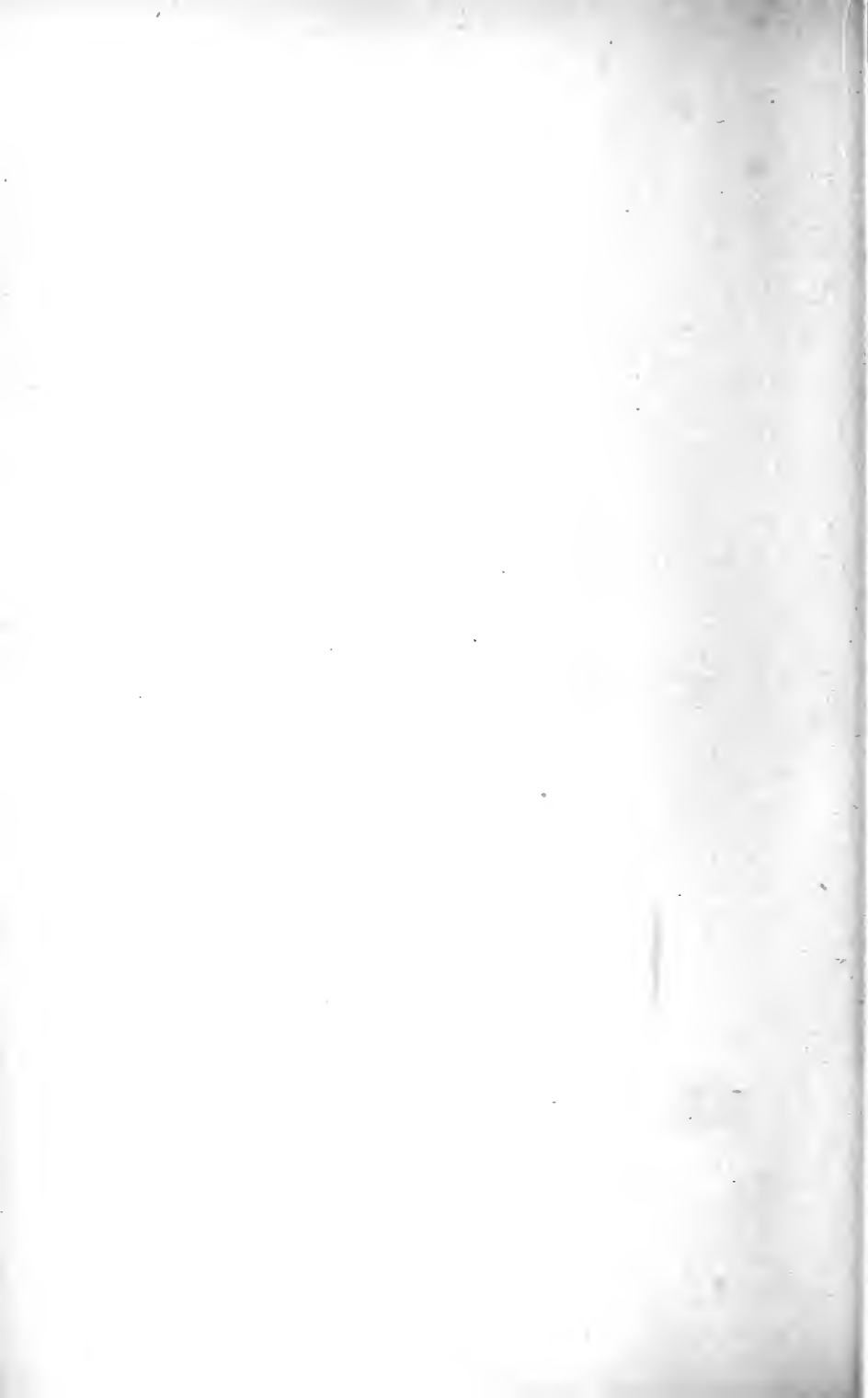
BY WARRANT UNDER THE QUEEN'S SIGN
MANUAL.

MUIR MACKENZIE.





BY-LAWS AND REGULATIONS.



BY-LAWS AND REGULATIONS
OF
The Institution of Civil Engineers,
AS AMENDED 27 APRIL, 1910.

SECTION I.

OBJECTS.

THE INSTITUTION OF CIVIL ENGINEERS was first established, and has since been incorporated by Royal Charter, for the general advancement of Mechanical Science, and more particularly for promoting the acquisition of that species of knowledge which constitutes the profession of a Civil Engineer.

SECTION II.

CONSTITUTION.

1. THE INSTITUTION OF CIVIL ENGINEERS shall consist of Members, of Associate Members, of Associates entitled to the privileges of Corporate Membership, and of Honorary Members. All such Members, Associate Members, Associates, and Honorary Members may hereafter be referred to as Corporate Members. The Institution may also have attached to it Associates who are not entitled to the privileges of Corporate Membership, and Students.

2. MEMBERS shall comprise every person who, on the 2nd of December, 1878, was on the Register as a Member; and every person thereafter elected or transferred into the class of Members. Every candidate for election or transfer into the class of Members shall be more than thirty - three years of age, and shall come within one of the following conditions:—

He shall either be an Associate Member of the Institution or shall have fulfilled the conditions necessary for Associate

Membership. He shall have had, further, five years' employment in positions of responsibility for the design or the execution of important engineering work, and shall be so engaged at the time of his application for election or transfer; or,

He shall satisfy the Council that he has had suitable education and training as a Civil Engineer, and he shall have had, further, at least fifteen years' employment in positions of responsibility for the design or execution of important engineering work, being so engaged at the time of his application for election, and he shall have acquired a considerable degree of eminence in the profession of a Civil Engineer.

3. ASSOCIATE MEMBERS shall comprise every person who, being a Civil Engineer by profession, was on the Register as an Associate on the 2nd of December, 1878, and every person thereafter elected into the class of Associate Members.

Every candidate for election into the class of Associate Members shall be more than twenty-five years of age—he shall have been regularly educated as a Civil Engineer, shall have passed the Studentship and the Associate Membership Examinations of the Institution or such examination or examinations as are recognized by the Council as exempting therefrom, and shall be actually engaged at the time of his application for election in the design or in the construction of such works as are comprised within the profession of a Civil Engineer as defined by the Charter. Every candidate shall, further, come within one of the four following conditions:—

(a) He shall have been regularly trained under agreement as a pupil or apprentice of a Civil Engineer for at least three years, and he shall have had in addition two years' experience in the design or in the construction of such works as are comprised within the profession of a Civil Engineer, or one year of such experience together with two years' regular work in an Engineering College approved by the Council—one year at least of the foregoing total period of five or six years, as the case may be, having been spent in the office, and one year at least in or upon engineering works; or,

(b) He shall have followed in an Engineering College a

regular course recognized by the Council as leading to a degree exempting from the Associate Membership Examination, shall have duly obtained such degree, and shall have had at least two years' training as an articled pupil or as an apprentice or assistant under agreement to a Civil Engineer—one year at least of this period of two years having been spent in the office, and one year at least in or upon engineering works; or,

(c) He shall have followed in an Engineering College a regular course extending over at least three years recognized by the Council as leading to a degree exempting from the Associate Membership Examination, and shall have had at least four years' experience as an assistant under a Corporate Member—one year at least of this period of four years having been spent in the office, and one year at least in or upon engineering works; or,

(d) He shall have had at least seven years' experience of a character satisfactory to the Council as an assistant to a Corporate Member—partly in the office, and partly in or upon engineering works.

Teachers of Engineering in Colleges which have courses recognized by the Council as leading to degrees exempting from the Associate Membership Examination may be regarded as employed "in the design" of engineering work. Persons who are so employed at the time of their application for election shall have had in addition to the requisite period of pupilage, apprenticeship, or training or experience as an assistant, at least four years' practical experience in an engineer's office or in or upon engineering works.

In the case of candidates otherwise eligible, but who have not passed the Studentship Examination, or an examination recognized by the Council as exempting therefrom, the Council may, up to and including the year 1914, substitute such modified examination in the subjects of general education as they may deem suitable, having regard to the ages of the candidates and other circumstances.

Evidence of the candidate's pupilage, apprenticeship, or training as an assistant must be afforded by the production of the indentures or a certified copy thereof, or of a certificate according to the Form AA in the Appendix, given by

the candidate's employer or immediate superior (who must be a practising Civil Engineer).

4. ASSOCIATES ENTITLED TO THE PRIVILEGES OF CORPORATE MEMBERSHIP shall comprise every person who, not being a Civil Engineer by profession, was on the Register as an Associate on the 2nd of December, 1878.

5. ASSOCIATES NOT ENTITLED TO THE PRIVILEGES OF CORPORATE MEMBERSHIP shall be persons who are not Civil Engineers by profession, but whose pursuits constitute branches of Engineering, or who by their connection with Science or the Arts, or otherwise, are qualified to concur with Civil Engineers in the advancement of professional knowledge.

6. HONORARY MEMBERS shall be either distinguished individuals, who from their position are enabled to render assistance in the prosecution of public works, or persons eminent for science and experience in pursuits connected with the profession of a Civil Engineer, but who are not engaged in the practice of that profession in the United Kingdom or its dependencies.

7. STUDENTS shall be persons not under eighteen years of age, who are, or have been, pupils of Corporate Members of the Institution, who have complied with the regulations of Section V. of these By-laws, and who have the object or intention of becoming engaged in the design or in the construction of such works as are comprised within the profession of a Civil Engineer as defined by the Charter; and such persons may continue Students until they attain the age of twenty-six years, or otherwise until they complete any term of pupilage or apprenticeship or service as an assistant under agreement, upon which they may have entered prior to their admission as Students.

8. The Officers of the Institution shall be a President, four Vice-Presidents, and other Members of Council to be elected or nominated under the By-laws, who shall constitute the Council to direct and manage the concerns of the Institution; also two Auditors of Accounts, a Treasurer, and two Secretaries. Such Officers shall be elected or appointed annually in manner hereinafter directed.

9. Any Member, Associate Member, Associate, Honorary

Member, or Student, having occasion to designate himself as belonging to the Institution, shall state the class to which he belongs, according to the following abbreviated forms, *viz.* M. Inst. C.E., Assoc. M. Inst. C.E., Assoc. Inst. C.E., Hon. M. Inst. C.E., Stud. Inst. C.E.

SECTION III.

ELECTION, TRANSFER AND EXPULSION OF MEMBERS, ASSOCIATE MEMBERS, ASSOCIATES AND HONORARY MEMBERS.

1. Any person desirous of being elected a Member, Associate Member, Associate, or Honorary Member, must be proposed and recommended according to the Form A in the Appendix, in which the name, usual residence, and qualifications of the candidate shall be distinctly specified. The proposal must be signed by at least six Corporate Members certifying a personal knowledge of the candidate, and a full conviction of his qualifications, and the candidate must sign the undertaking appended to the Form.

2. The proposal so made, being delivered to the Secretary, shall be submitted to the Council, who shall consider the qualifications specified and shall, in the case of persons required by these By-laws to have passed Examinations appointed or recognized by the Council, satisfy themselves that the candidate has passed the necessary examination or examinations. The Council shall determine the class for which the candidate is to be presented for Ballot, and shall specify the same on the proposal. The Chairman of the Meeting of Council which approves, or (after being satisfied as aforesaid) finally approves, the eligibility of a candidate, shall sign the proposal, which shall then be read at the next Ordinary Meeting of the Institution, and be placed in some conspicuous situation until the candidate is balloted for, and six clear days shall elapse between the reading of the proposal and the Ballot.

3. Any person whose proposal has been passed by the Council shall be duly informed of it by a letter from the Secretary.

4. Ballots shall take place at the first Ordinary Meeting of the Institution in the month of December in each year, and at the first Meeting in each ensuing month during the

Session, and at the last Meeting but one in the Session. Only Corporate Members have the right of voting.

5. Every candidate shall be declared to be elected unless there be at least one negative vote for every four affirmative votes.

6. In any election a second ballot shall be granted, at the same Meeting, if it be demanded immediately by any three persons present having a right to vote.

7. In case of the non-election of any person balloted for no notice shall be taken thereof on the Minutes.

8. The proposal for transferring any person from the class of Associate Members to the class of Members shall be according to Form C in the Appendix. This form being subscribed by at least ten Corporate Members, and delivered to the Secretary, shall be submitted to the Council, who, subject to the conditions hereinbefore set forth, may, if they think fit, make the proposed transfer.

9. Any person duly elected a Member, Associate Member, Associate, or Honorary Member, or transferred from one class to another, shall be informed thereof without delay, by a letter, according to the Form D, enclosing a promise (Form E), which promise the person elected or transferred must sign and return to the Secretary, and he must pay the admission fee and annual subscription for the current year (or the increase thereof in case of transfer) within two months after the date of his election or transfer which otherwise shall become void; but the Council may in particular cases extend the time.

10. Every individual elected, and having signed the Form E in the Appendix, and the Register of the Institution, and having likewise made the proper payments, shall receive the diploma of his election. At the first Ordinary Meeting at which he is present, he shall, after having fulfilled the foregoing requirements, be introduced according to the ensuing form: *viz.* the President or Chairman of the Meeting, addressing him by name, shall say, "As President
"(or as Chairman of this Meeting) of THE INSTITUTION OF
"CIVIL ENGINEERS, I introduce Mr. A.B. as a Member,
"Associate Member, Associate, or Honorary Member (as the
"case may be)."

11. The Council shall have the right, by a majority of two-thirds of those present at a meeting of the Council, to expel from the Institution any Member, Associate Member or Associate who may be convicted, by a competent tribunal, of felony, embezzlement, larceny, or misdemeanour, or other offence which, in the opinion of the Council, renders him unfit to be a member; and in case the Council shall be of opinion that the conduct of any Member, Associate Member or Associate should become the subject of enquiry with a view of ascertaining whether there are grounds for his expulsion, or in case twenty or more Corporate Members shall think fit to draw up and sign a proposal for the expulsion of a Member, Associate Member or Associate on any ground whatever, and shall deliver the same to the Secretary to be laid before the Council for consideration, the Council shall make such enquiry as they deem adequate; and if they do not find sufficient reason for expulsion no entry of the enquiry shall be made in the Minutes; but if the Council by a majority of at least eleven-twelfths of those present at a meeting of the Council specially summoned for the purpose and at which at least twelve Members of Council are present, do find good reason for expulsion of the Member, Associate Member or Associate on the ground that he has been guilty of disgraceful conduct in any professional respect they shall cause such person's name to be erased from the Register and thus expel him from the Institution. The Secretary shall give him notice according to Form G in the Appendix, and the Council shall report such erasure at the next Annual General Meeting.

SECTION IV.

PROFESSIONAL CONDUCT.

Every Corporate Member of the Institution shall observe and be bound by the following Regulations:

1. He shall act in all professional matters strictly in a fiduciary manner with regard to any Clients whom he may advise, and his charges to such Clients shall constitute his only remuneration in connection with such work, except as provided by Clause 4.

2. He shall not accept any trade commissions, discounts, allowances, or any indirect profit in connection with any work which he is engaged to design or to superintend, or with any professional business which may be entrusted to him.
3. He shall not, while acting in a professional capacity, be at the same time, without disclosing the fact in writing to his Clients, a Director or member of, or a Shareholder in, or act as Agent for, any contracting or manufacturing company or firm or business with which he may have occasion to deal on behalf of his Clients, or have any financial interest in such a business.
4. He shall not receive, directly or indirectly, any Royalty, Gratuity or Commission, on any patented or protected article or process used on work which he is carrying out for his Clients, unless and until such Royalty, Gratuity or Commission has been authorized in writing by those Clients.
5. He shall not improperly solicit professional work, either directly or by an agent, nor shall he pay, by commission or otherwise, any person who may introduce Clients to him.
6. He shall not be the medium of payments made on his Clients' behalf to any Contractor, or business firm (unless specially so requested by his Clients), but shall only issue certificates or recommendations for payment by his Clients.

Any alleged breach of these regulations or any alleged professional misconduct by a Corporate Member which may be brought before the Council, properly vouched for and supported by sufficient evidence, shall be investigated, and if proved, shall be dealt with by the Council, either by expulsion of the offender from the Institution or in such other manner as the Council may think fit.

SECTION V.

ADMISSION AND PRIVILEGES OF STUDENTS.

1. Upon producing evidence of having passed the Studentship Examination or such examination in the subjects of general education as may be recognized by the Council as

exempting therefrom, persons, between the ages of 18 and 25 years, may be admitted as Students by the Council on the recommendation (according to Form B in the Appendix) of the Corporate Members under whom they are, or have been, pupils, apprentices, or assistants under agreement, or students in Engineering Colleges the entrance examinations or the degrees of which are recognized by the Council as exempting from the Studentship Examination and in such other Colleges as may be approved by the Council; and they may remain Students of the Institution, at and during the pleasure of the Council, until they attain the age of twenty-six years or otherwise until they complete any term of pupilage, or apprenticeship, or service as an assistant under agreement, upon which they may have entered prior to their admission as Students, when they shall cease to be Students.

Every person desirous of being admitted as a Student must afford satisfactory evidence that he either has completed or intends to complete the period of pupilage, or apprenticeship, or training as an assistant under agreement, or regular college course required under the conditions contained in paragraphs (a), (b) or (c) of Clause 3, Section II., of the By-laws.

A person articulated or indentured or engaged as an assistant under agreement for the required period under a Corporate Member may in the discretion of the Council be considered to possess a qualification for Studentship, if on the death of such member the articles, indenture or agreement is assigned to another engineer whether he be a Corporate Member or not.

2. Any person admitted as a Student shall be informed thereof by letter (according to the Form F in the Appendix, stating that the first year's subscription must be paid within two months, otherwise the admission will be void. When the first subscription shall have been paid he shall be entitled to attend the Ordinary Meetings, but not to vote at such Meetings, and to have the use of the Library (subject to such regulations as the Council may from time to time prescribe), as well as to receive a copy of the Minutes of Proceedings relating to each session during which he shall continue to be a Student.

3. Students of the Institution are eligible to compete for the premiums or prizes arising out of the "Miller Fund," and

any other funds devoted by the Institution, or by any person or persons, for premiums or prizes for Students.

4. The Council may accord to Students other privileges, but subject to such terms, regulations, and restrictions as they shall from time to time prescribe.

5. No Student will be allowed to introduce a stranger into the rooms of the Institution.

SECTION VI.

EXAMINATIONS.

The Council shall cause to be held examinations for persons desirous of being admitted as Students or elected Associate Members, and shall frame regulations for such examinations (called respectively the Studentship and the Associate Membership Examinations), defining the times at which they shall be held, the subjects which they shall comprise, and the fees to be paid or deposited by candidates in respect of such examinations; and they may from time to time add to or vary or rescind any of the aforesaid regulations as it may appear to them to be necessary.

The examinations shall be directed by the Council, who shall obtain such assistance as may be necessary from qualified persons to be appointed by them examiners in such subjects as the Council may from time to time determine. The remuneration of such examiners shall be fixed by the Council. The Council may in their discretion permit persons¹ who are not at the time candidates for election to present themselves for examination, and if they pass such examination the Council may exempt them (wholly or partially) from further examination if they subsequently apply for election. After each examination held under the direction of the Council a report of the names of those who have passed shall be presented by the examiners to the Council. The Council shall have power to recognize such University degrees and Collegiate or other certificates as after scrutiny they may deem to prove a sufficient standard of attainment in the subjects referred to; and may exempt such graduates or holders of such certificates from passing the aforesaid examinations appointed and directed by the Council.

¹At present this permission is granted only to Students of The Institution.

SECTION VII.

CONTRIBUTIONS TO THE FUNDS.

1. Those Members, Associate Members, Associates, and Students, whose place of business or whose residence is within ten miles of the General Post Office, shall be considered Residents, and those beyond such limits Non-Residents.

2. On change of place of business or of residence, so as to go beyond or come within those limits before each annual contribution becomes due, the amount thereof shall vary accordingly.

3. Each resident Member shall pay four guineas, and each non-resident Member three guineas, per annum.

4. Each resident Associate Member and Associate shall pay three guineas, and each non-resident Associate Member and Associate two guineas and a half, per annum. The subscription for the current year paid by an Associate Member shall, on his transfer to Membership, be taken as in part payment of his subscription as a Member for that year.

5. Each resident Student shall pay two guineas, and each non-resident Student one guinea and a half, per annum. The subscription for the current year paid by a Student shall, on his election to Associate Membership, be taken as in part payment of his subscription as an Associate Member for that year.

6. Every new Member shall, on admission to the Institution, pay a fee of twenty guineas, and every Associate Member and Associate shall, on admission to the Institution, pay a fee of ten guineas, and every Associate Member on his transfer to Membership shall pay a fee of ten guineas. All such fees paid on transfer and one-half of the fees paid on election to full Membership shall be treated as revenue, unless otherwise directed by the Council.

7. Any Member, Associate Member or Associate, whose subscription is not in arrear, may compound for future annual subscriptions by the payment of sixty guineas. All such compositions shall be invested, and the interest alone shall be appropriated to the current expenditure of the Institution, except by special direction of the Council on the report and recommendation of the Finance Committee.

8. All annual subscriptions are due on the first of January in each year for the year then commencing, and must be paid before the first of April of that year; any Member, Associate Member, Associate, or Student, whose subscription is in arrear shall not be entitled to attend any Meeting or to receive the publications. The subscription of any Member, Associate Member, or Associate, elected at the Ballot in December, shall become due on the first of January next ensuing: and the subscription of any Student admitted in the month of November or December shall become due on the first of January next ensuing.

9. Every individual elected a Member, Associate Member or Associate, and every Student, shall be liable for the payment of his annual subscription, until he has signified to the Secretary, in writing, his desire to resign, having previously paid all arrears, or until he has forfeited his right to remain in, or to be attached to, the Institution.

10. Any person whose subscription is two years in arrear, that is to say, whose arrears and current subscription shall not have been paid on or before the first of April, shall be reported to the Council, who shall direct application to be made to him according to Form H; and in the event of its continuing one month in arrear, after such application, the Council shall have the power, after suitable remonstrance, by letter, in the form so provided (Form I), of erasing the name of the defaulter from the Register or lists of the Institution.

11. In the case of any Corporate Member who has been long distinguished in his professional career, but who, from ill health, advanced age, or other sufficient cause, does not continue to carry on a lucrative practice, the Council, if they find good reason for the remission of the annual subscription, may so remit it. Also they may remit any arrears which are due from such an individual; or may accept a collection of books, or drawings, or models, or such other contribution as, in their opinion, under the circumstances of the case, may entitle the person to be enrolled as a Life Subscriber, or to enable him to resume his former rank in the Institution which may have been in abeyance from any particular cause. The Council may, if they find good reason to do so, re-instate, under such conditions as they may see fit, any Member, Associate Member

or Associate, whose name has been removed from the Register under the provisions of this Section.

These cases must be considered and reported upon to the Council by a Committee appointed by the Council for the purpose.

SECTION VIII.

CONSTITUTION OF THE COUNCIL.

1. The number of the Council shall be such as the Council in any year may fix for the ensuing year provided that such number shall not be less than twenty-three nor more than thirty-one inclusive in both cases of the President and Vice-Presidents, but exclusive of such of the Past Presidents, if any, as may be appointed by the Council.

The President, the four Vice-Presidents, and other members of the Council (exclusive of Past Presidents, to be appointed by the Council) shall be elected annually, and the Council, when elected for the year, may appoint any number of Past Presidents, not exceeding four, to be members of the Council for the same year.

The year of office for the President, Vice-Presidents and other Members of the Council, shall commence at the commencement of each Session, and the election of the Council at the Annual General Meeting for the ensuing year, and the appointment of other members of the Council for the same year, shall have reference to the next ensuing year of office as hereby defined.

The existing Council shall in all cases continue in office till the commencement of the next Session, notwithstanding that more than a year may have elapsed since the commencement of their year of office.

2. At an Ordinary Meeting at least four weeks before the Annual General Meeting, the Council shall present a list of persons whom they nominate as suitable for the offices of President, Vice-Presidents, and other members of the Council for the ensuing year, exclusive of Past Presidents, to be appointed by the Council when elected. The list shall include the names of not less than seven corporate members who have not served on the Council during the current or the

preceding year, and the number of names in all shall be at least two in excess of the number of the Council to be elected. The list so presented shall be the balloting list for the annual election on the last Tuesday of the Session.

No person shall be nominated for the office of President more than two years consecutively, and at the expiration of such two years he shall not for a period of three years be eligible to be nominated for that office.

The senior Vice-President in duration of office shall be nominated for President, except he give notice to the Council, at least one month previously, of his intention to decline accepting office.

In case of the decease or resignation of the President, the Council shall be empowered to summon a Special General Meeting of Corporate Members who shall proceed to the nomination and election of a President, the senior Vice-President being nominated as above provided.

3. At the Annual election, each Corporate Member may erase any name or names from the balloting list, and may substitute the name or names of any other person or persons eligible for each respective office; but the number of names on the list after such erasure or substitution, must be, without the repetition of any of them, the number to be elected to the respective offices as above enumerated. Those lists which do not accord with these directions shall be rejected by the Scrutineers.

4. At the Ordinary Meeting next before the Annual General Meeting the members shall choose two or more persons as Scrutineers for the purposes of the Ballot. The Balloting List shall immediately after the Ordinary Meeting at which it has been presented by the Council be issued to all members in the United Kingdom, and to any other member residing elsewhere, who may, in writing, request to have the list forwarded to him, and shall be returned to the Secretary, at least three days before the Annual General Meeting, in a closed envelope. The Scrutineers shall open the envelopes and count the votes and report the result at the Annual General Meeting. Any Balloting List on which a member has voted for a number either more or less than one person as President, four persons as Vice-Presi-

dents, and the prescribed number of persons as other elected Members of the Council, shall be rejected by the Scrutineers.

In the event of the Scrutineers being unable to report the election of the prescribed number of Vice-Presidents or other members of the Council, owing to an equality of votes, a fresh ballot shall be taken for the election of the person or persons required to complete such prescribed numbers.

5. The two Auditors shall be elected or appointed by the Annual General Meeting.

6. The Treasurer and Secretaries shall be appointed annually by the Council.

SECTION IX.

THE PRESIDENT.

The President shall take the chair at all Meetings of the Institution, the Council, and the Committees, at which he is present, and shall regulate and keep order in the proceedings.

SECTION X.

THE VICE-PRESIDENTS.

In the absence of the President, it shall be the duty of the Vice-Presidents to preside in rotation at the Meetings of the Institution, and to regulate and keep order in the proceedings. But in case of the absence of the President and of all the Vice-Presidents, the Meeting may elect any member of Council, or, in case of their absence, any Corporate Member present, to take the chair at the Meeting.

SECTION XI.

PROCEEDINGS OF THE COUNCIL.

1. The direction and management of the concerns of the Institution are vested in the Council, under the control of the Charter, By-Laws and Regulations, and of all Resolutions of Special General Meetings of Corporate Members, which have been duly summoned and held in accordance with the Charter and By-Laws, when such Resolutions have been duly entered on the Minutes, and signed by the Chairmen of the Meetings.

2. The Council shall meet as often as the business of the Institution may require; and at every Meeting three shall constitute a quorum. The Council may appoint Committees, for special purposes, to report to the Council.

3. All questions shall be decided in the Council by vote; but at the desire, expressed in writing, of any two members present, the determination of any subject shall be postponed to the succeeding Meeting.

4. A statement of the funds of the Institution, and of the receipts and payments during the past year, terminating on the 31st of March, shall be made, under the direction of the Council, and, after having been verified and signed by the Auditors, shall be laid before the Annual General Meeting.

5. The Council shall draw up a yearly Report on the state of the Institution, which shall be read at the Annual General Meeting.

6. It shall be the duty of the Council to adopt every possible means for the advancement of the Institution; to provide for properly conducting the business of the Institution in all cases of emergency, as the death or resignation of officers; and to arrange for the publication of the Papers read at the Meetings, and of such documents as may be calculated to advance professional knowledge.

SECTION XII.

THE TREASURER AND THE TWO AUDITORS.

1. The Treasurer shall be a Banker in the Metropolis, with whom all uninvested money belonging to the Institution shall be deposited by the Council on account and for the use of the Institution.

2. No sum of money payable on account of the Institution, amounting to five pounds and upwards, shall be paid except by order of the Council, signed by the Chairman of the Meeting at which the cheque was ordered, and by two other members of Council, and countersigned by the Secretary.

3. The Auditors shall have access at all reasonable times to the Accounts of the pecuniary transactions of the Institution; and they shall verify and sign the annual statement of the Accounts before it is submitted by the Council to the Annual General Meeting.

SECTION XIII.

THE SECRETARIES.

1. The Secretaries, of whom one shall be Honorary, and the other or acting Secretary shall be designated as the Secretary, shall be appointed every year by the Council, at the first Meeting of the Council after the Annual General Meeting.

2. It shall be the duty of the Secretary, under the direction of the Council, to conduct the correspondence of the Institution; to attend all Meetings of the Institution, and of the Council, and of Committees; to take Minutes of the proceedings of such Meetings; to read the Minutes of the preceding Meeting and all communications that may be ordered to be read; to superintend the publication of such Papers as the Council may direct; to have charge of the Library; to direct the collection of the subscriptions and the preparation of the account of the expenditure of the funds, and to present all accounts to the Council for inspection and approval. He shall also engage and be responsible for all persons employed under him, and shall generally conduct the ordinary business of the Institution.

SECTION XIV.

THE SESSIONS AND MEETINGS.

1. The Session of the Institution shall commence annually on the first Tuesday in November, and shall continue till the end of April, and it shall be in the power of the Council to protract the Session, if it appear advisable.

2. The Meetings of the Institution shall be as follows:—1st, the Annual General Meeting of the Corporate Members only. 2nd, Ordinary Meetings. 3rd, Special General Meetings of Corporate Members only, for the purpose of making, altering, and establishing By-laws and Regulations, or for any other special business for which such Meetings may be convened.

3. The Annual General Meeting of the Institution shall be held on the last Tuesday of the Session, at eight o'clock in the evening, to receive and deliberate upon the Report of the Council on the state of the Institution, with the annual statement of the Accounts, and to elect the Council and Officers for the ensuing year.

4. The Ordinary Meetings shall be held on every Tuesday, during the Session, at eight o'clock in the evening, with the exception of the Tuesdays between the Tuesday previous to Christmas Eve and the second Tuesday in January, and also with the exception of Easter Tuesday; but it shall be in the power of any Ordinary Meeting, on the recommendation of the Council, to make such other exceptions as may appear advisable. No new question shall be introduced, or motion be made, after ten o'clock.

5. The business of the Ordinary Meetings of the Institution shall be conducted as nearly as possible in the following order:—

1. The Minutes of the preceding meeting to be read, and after having been confirmed, to be signed by the Chairman.

2. Business arising out of the Minutes to be entered on.

3. Communications from the Council to be brought forward.

4. Candidates for election to be announced.

5. Any individual present for the first time since his election, having paid the usual contributions, and signed the Forms and the Register, to be introduced by the Chairman to the Meeting.

6. Original Communications to be read and discussed.

7. Candidates for election to be balloted for.

6. Every Corporate Member shall have the privilege of introducing one stranger, to be present at the Ordinary Meetings of the Institution, on writing his name in a book provided for that purpose, or sending with him a card signed with his name, according to a Form provided.

7. No question shall be discussed, or motion be made, at the Ordinary Meetings, relative to the direction and manage-

ment of the concerns of the Institution ; such direction and management being vested in the Council, under the control of the Charter and By-Laws, and of the Resolutions of Special General Meetings.

8. The Council may at any time call a Special General Meeting of Corporate Members for a specific purpose relative to the direction and management of the concerns of the Institution ; and the Council are at all times bound to do so on a requisition in writing of twenty Corporate Members, specifying the nature of the business to be transacted.

9. A notice shall be sent to those Corporate Members who reside in the United Kingdom, at least seven days before the time appointed by the Council for such Special General Meeting ; and the notice shall specify the nature of the business to be transacted, and no other than that business shall be transacted at that Meeting. All Corporate Members shall have a right, subject to the provision of Section VII., Clause 8, to attend and vote, and fifty shall constitute a quorum.

SECTION XV.

OTHER SOCIETIES AND LECTURES.

1. The Council shall have power to grant, from time to time, as they may think fit, the use of the rooms of the Institution to any Society for purposes analogous to those of the Institution, and to any persons who may be desirous of having Lectures delivered on subjects connected with the objects of the Institution.

SECTION XVI.

ENACTMENT OF BY-LAWS AND REGULATIONS.

1. The Council, when they may consider it expedient to propose the enactment of any new By-Law or Regulation, or the alteration or repeal of any existing one, shall summon a Special General Meeting of Corporate Members to decide on the same. And the Council are at all times bound to do so on a requisition in writing of twenty Corporate Members, specifying the particular new By-Law or Regulation, or the alteration or repeal of any existing one, which they recommend.

2. A notice shall be sent to those Corporate Members who reside in the United Kingdom, at least seven days before the time appointed by the Council for such Special General Meeting. The notice shall state the general tenour and objects of any new By-Law or Regulation or the alteration or repeal of any existing one, which is to be proposed and discussed; and the business of the Meeting shall be limited thereto. All the Corporate Members of the Institution (but none other than Corporate Members) shall have a right, subject to the provision of Section VII., Clause 8, to attend and vote, and fifty shall constitute a quorum.

3. Any Resolution involving addition to or alteration or repeal of the By-laws, or any of them, shall not become operative until it has been confirmed at a Special General Meeting to be held not less than 14 days after the meeting at which such Resolution may have been passed. Provided always that any such Resolution shall be further suspended on a poll of the Corporate Members residing in the United Kingdom being demanded, either prior to or at such confirmatory meeting, by not fewer than twenty Corporate Members.

Any such poll shall be taken in such manner as the chairman of such confirmatory meeting may direct, and the result of the poll shall be deemed to be the Resolution of the meeting to which it was originally submitted.

4. No new By-Law or Regulation, or alteration or repeal of any existing By-Law or Regulation, shall be proposed at any Meeting of the Institution, except in the manner above prescribed.

5. It shall be sufficient in all cases if the Forms in the Appendix are substantially followed, and no act or proceeding shall be invalid by reason of any formal defect.

SECTION XVII.

THE PROPERTY OF THE INSTITUTION.

1. The property and effects of the Institution, of what kind soever, are vested in the Corporate Members for the time being, for the use of the body politic and corporate solely, in

furtherance of the public and scientific objects contemplated in the Charter.

2. Under no pretence whatever shall such property and effects, or the income or revenue of the Institution, derived from voluntary contributions or otherwise howsoever, be applied in making any dividend, gift, division, or bonus, unto or between any of the Corporate Members, and the same is hereby expressly prohibited, in conformity with the fundamental law and invariable practice of the Institution, as acted upon from its first establishment; and therefore no proposition in contravention thereof shall be entertained by the Council, or by any Meeting, whether General or Special, of the Corporate Members of the Institution.

3. Every Paper, Map, Plan, Drawing, or Model, presented to the Institution, shall be considered the property thereof, unless there shall have been some previous arrangement to the contrary, and the Council may publish the same in any way and at any time they may think proper. But should the Council refuse or delay the publication of such Paper beyond a reasonable time, the Author thereof shall have a right to copy the same, and to publish it as he may think fit, having previously given notice, in writing, to the Secretary of his intention. Except as hereinbefore provided, no person shall publish, or give his consent for the publication of any communication presented and belonging to the Institution, without the previous consent of the Council.

4. The Library shall be open daily to all Members, Associate Members, Associates, Honorary Members, and Students, from 9.30 A.M. to 5.30 P.M., when they shall have the right to peruse and inspect all Books, Papers, Plans, Maps, &c., belonging to the Institution, and to make copies and extracts therefrom (doing no injury to the same), with the exception of such documents as the Council shall order not to be inspected or copied; but none of the property of the Institution shall be taken away from the premises without the express permission of the Council.

SECTION XVIII.

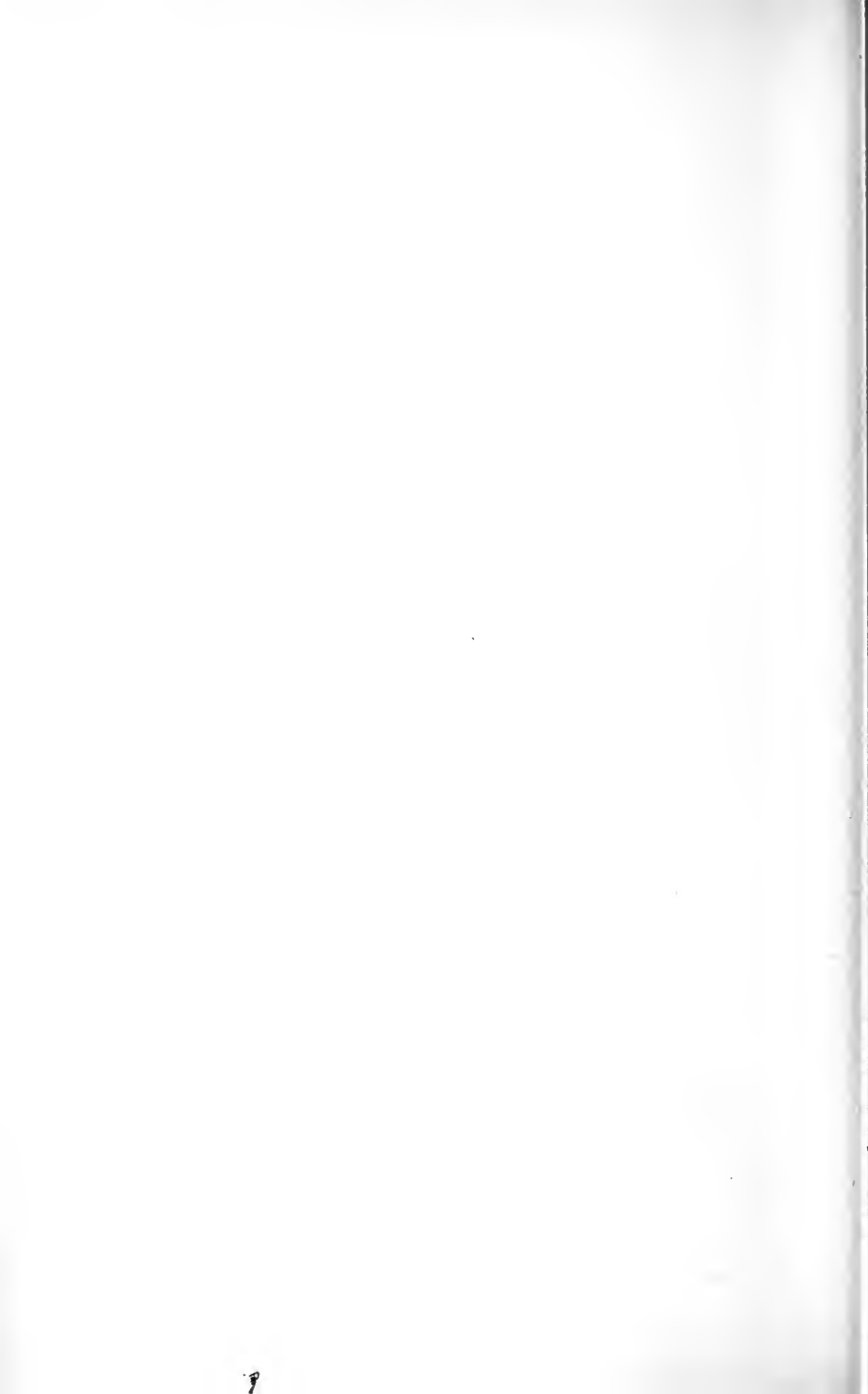
DONATIONS AND BEQUESTS.

1. The names of all persons who have presented any additions to the Library, or to the collections of Plans and Models, or who have made any voluntary contribution to the funds of the Institution, shall be recorded and published as benefactors to the Institution.

2. Every person desirous of bequeathing to the Institution any Manuscripts, Books, Maps, Plans, Drawings, Instruments, or other personal property, is requested to make use of the following form in his will :

“ I give and bequeath to THE INSTITUTION OF CIVIL
“ ENGINEERS, incorporated by Royal Charter, dated June
“ the 3rd, 1828, [*here enumerate and particularize the*
“ *effects or property to be bequeathed :*] And I hereby
“ declare that the receipt of the Treasurer of the said
“ Institution for the time being shall be an effectual dis-
“ charge to my executors for the said legacy or bequest.”

APPENDIX TO THE BY-LAWS.



APPENDIX,

CONTAINING FORMS REFERRED TO

IN

THE BY-LAWS.

FORM A.

A_____ B_____ of _____
being upwards of twenty-five years of
age, born on the _____ day of _____ 18____, and being
desirous of belonging to THE INSTITUTION OF CIVIL ENGINEERS, I
recommend him, from PERSONAL KNOWLEDGE, as in every respect
worthy of that distinction, because

*[Here specify distinctly the Qualifications of the Candidate according
to the spirit of Clauses 2, 3, 5 and 6, Sect. II., of the By-Laws.]*

On the above grounds, I beg leave to propose him to the Council as
a proper person to belong to the Institution.

Signed, (A. B.) *Corporate Member.*

Dated this _____ day of _____ 19____.

We, the undersigned, concur in the above recommendation from
personal knowledge, and being fully convinced that A. B. is in every
respect a proper person to belong to the Institution.

Signed, (X. Y.) *Corporate Members.*

[Undertaking to be signed by the Candidate.]

I, the undersigned, do hereby promise that, in the event of my elec-
tion, I will be governed by the Royal Charters of the Institution, and
by the By-Laws and Regulations as they are now formed, or as they
may hereafter be altered, amended, or enlarged, under the powers of
the said Charters; and that I will promote the objects of the Institu-
tion as far as may be in my power, and will present to the Institution

an Original Communication, model, or scientific work for the library, within the space of twelve months from the date of my election.

Signed, _____

The Council, having considered the above recommendation, present A. B. to be balloted for as a _____ of THE INSTITUTION OF CIVIL ENGINEERS.

Signed, _____

Chairman.

Dated this _____ day of _____ 19__.

FORM AA.

Form of Certificate of Practical Training for use by Unindentured Pupils, Apprentices and Assistants.

I, A _____ B _____ certify that C _____ D _____ has been in my service as an engineering¹ _____ and that he has obtained practical training for a period of _____, of which period _____ has been spent in my office, where he was occupied in the following classes of work :—

and _____ has been spent in or upon engineering works, where he was occupied in the following classes of work :—

During this period C _____ D _____ has conducted himself with propriety; and has, to the best of my judgment, acquired reasonable practical knowledge of the work with which he has been associated.

(Signed) A _____ B _____.

¹ Here state "Pupil," "Apprentice," or "Assistant."

FORM B.
(STUDENT.)

A _____ B _____ of _____
born on the _____ day
of _____, 18____, being desirous of admission as a Student of
THE INSTITUTION OF CIVIL ENGINEERS, I recommend him, from PERSONAL
KNOWLEDGE, as worthy of that privilege, and as coming within the Rules
appertaining to that class, viz.: that he is upwards of eighteen years of
age, and is under twenty-five years of age, and is, or has been, *bonâ fide*,
in the course of preparation and training under me, with the object of
becoming engaged in the design or in the construction of such works
as are comprised within the profession of a Civil Engineer as defined
by the Charter.

(Signature of the Proposer, who must be a
Corporate Member of the Institution.

Signature of the Candidate.

Dated this _____ day of _____ 19____.

The Council, having considered the above recommendation, admit
_____ as a Student of
THE INSTITUTION OF CIVIL ENGINEERS.

Signed, _____
Chairman.

Dated this _____ day of _____ 19____.

FORM C.

WE, whose names are hereunto subscribed, submit to the Council
of THE INSTITUTION OF CIVIL ENGINEERS the propriety of transferring
A _____ B _____ of _____ born on the _____
day of _____, 18____, from the class of Associate Members, in which he
was elected on the _____ day of _____ 1____, to the class of
MEMBERS, because _____

[Here specify distinctly the Qualifications of the Candidate according
to the spirit of Clause 2, Sect. II., of the By-Laws.]

Witness our hands this _____ day of _____ 19____

Signed, _____

The Council of THE INSTITUTION OF CIVIL ENGINEERS, meeting on
the _____ day of _____ 19____
transfer A. B. from the class of Associate Members to the class of
Members.

Signed, _____
Chairman.

FORM D.

The Institution of Civil Engineers.

_____, 19____.

SIR,

I have the honour to inform you that you were duly made a _____ of THE INSTITUTION OF CIVIL ENGINEERS, on the _____ day of _____.

According to the Regulations of the Institution, you are required as _____ to pay _____ being your admission fee, and subscription for the current year, and to return the accompanying obligation with your signature, within two months of the date of your election [*or transfer*]; otherwise your election [*or transfer*] will be void. These conditions being complied with, you will be considered as a _____ of the Institution, when the diploma of your election [*or transfer*], and any publications or notices to which you are entitled, will be forwarded according to your directions.

I beg to direct your attention to Section VII. of the By-Laws, and to point out that all annual subscriptions become due on the 1st of January in each year for the year then commencing.

I am, Sir, etc.

FORM E.

I, the undersigned, having become _____ of THE INSTITUTION OF CIVIL ENGINEERS, do hereby promise that I will be governed by the Royal Charters of the Institution, and by the By-Laws and Regulations of the said Institution as they are now formed, or as they may hereafter be altered, amended, or enlarged, under the powers of the said Charters; and I promise to promote the objects of the said Institution as far as shall be in my power, and to attend the meetings thereof as often as I conveniently can. Provided that, whenever I shall signify in writing to the Secretary that I am desirous of withdrawing my name therefrom, I shall (after the payment of any arrears which may be due by me at that period) be free from this obligation.

I also engage to present to the Institution an Original Communication, drawing, plan, or model of engineering interest, or some scientific work for the library, within the space of twelve months from the date of my election [*or transfer*].

Witness my hand this _____ day of _____ 19____.

FORM F.

The Institution of Civil Engineers.

_____, 19__.

SIR,

I have the honour to inform you that the Council of THE INSTITUTION OF CIVIL ENGINEERS, meeting on the _____ day of _____, 19__, admitted you as a Student of the Institution.

According to the Regulations of the Institution, you are required to pay the sum of _____, being the amount of your first subscription, within two months from the date of your admission, otherwise the admission will be void. When such payment has been made, you will become entitled to the privileges of your class.

I beg to direct your attention to Section VII. of the By-Laws, and to point out that all annual subscriptions become due on the 1st of January in each year for the year then commencing.

I am, Sir, etc.

FORM G.

The Institution of Civil Engineers.

_____, 19__.

SIR,

I am directed by the Council of THE INSTITUTION OF CIVIL ENGINEERS to inform you that by a Resolution passed at a Special Meeting of the Council on the _____ of _____ they have, acting under the powers conferred upon them by Clause 11, Section III., of the By-Laws and Regulations of the Institution, ordered your name to be erased from the Register, and have declared you to be no longer a _____ of the Institution.

I am, Sir, etc.

FORM H.

The Institution of Civil Engineers.

_____, 19__.

SIR,

I am directed by the Council of THE INSTITUTION OF CIVIL ENGINEERS to draw your attention to Clauses 8 and 10, Section VII., of

the By-Laws, and to remind you that the sum of £ _____ of your annual subscriptions to the funds of the Institution remains unpaid, and that you are in consequence in arrear of subscription. I am also directed to request that you will cause the same to be paid without further delay, otherwise the Council will be under the necessity of exercising their discretion, as to using the power vested in them by Clause 10, Section VII., of the By-Laws and Regulations.

I am, Sir, etc.

FORM I.

The Institution of Civil Engineers.

_____, 19__.

SIR,

I am directed by the Council of THE INSTITUTION OF CIVIL ENGINEERS to inform you that in consequence of the non-payment of your arrears of subscription, and in pursuance of Clause 10, Section VII., of the By-Laws and Regulations, the Council have declared by special vote, on the _____ day of _____ 19__, that you have forfeited your claim in future to belong to the Institution, and your name will be in consequence expunged from the Register or lists, unless payment is made previous to _____.

But notwithstanding such forfeiture as regards the future, I am directed to call upon you for payment of your arrears amounting to £__ : __ : __.

I am, Sir, etc.

LIST OF MEMBERS.

1 July, 1914.

The Institution of Civil Engineers.

PAST-PRESIDENTS.

- Mar. 1820. *Thomas Telford*, F.R.S.
Jan. 1835. *James Walker*, F.R.S.
Jan. 1845. *Sir John Rennie*, F.R.S.
Jan. 1848. *Joshua Field*, F.R.S.
Dec. 1849. *Sir William Cubitt*, F.R.S.
Dec. 1851. *James Meadows Rendel*, F.R.S.
Dec. 1853. *James Simpson*.
Dec. 1855. *Robert Stephenson*, F.R.S., M.P.
Dec. 1857. *Joseph Locke*, F.R.S., M.P.
Dec. 1859. *George Parker Bidder*.
Dec. 1861. *Sir John Hawkshaw*, F.R.S.
Dec. 1863. *John Robinson McClean*, M.P.
Dec. 1865. *Sir John Fowler*, Bart., K.C.M.G., LL.D.
Dec. 1867. *Sir Charles Hutton Gregory*, K.C.M.G.
Dec. 1869. *Charles Blacker Vignoles*, F.R.S.
Dec. 1871. *Thomas Hawksley*, F.R.S.
Dec. 1873. *Thomas Elliot Harrison*.
Dec. 1875. *George Robert Stephenson*.
Dec. 1877. *John Frederic La Trobe Bateman*, F.R.S.
Dec. 1879. *William Henry Barlow*, F.R.S.
Dec. 1880. *James Abernethy*.
Dec. 1881. *Lord Armstrong*, C.B., LL.D., D.C.L., M.A.I., F.R.S.
Dec. 1882. *Sir James Brunlees*.
Dec. 1883. *Sir Joseph William Bazalgette*, C.B.
Dec. 1884. *Sir Frederick Joseph Bramwell*, Bart., D.C.L., LL.D., F.R.S.
May 1886. *Edward Woods*.
June 1887. *Sir George Barclay Bruce*.
May 1889. *Sir John Coode*, K.C.M.G.
May 1891. *Sir George Berkley*, K.C.M.G.
May 1892. *Harrison Hayter*.
May 1893. *Alfred Giles*.
May 1894. *Sir Robert Rawlinson*, K.C.B.
May 1895. *Sir Benjamin Baker*, K.C.B., K.C.M.G., D.Sc., LL.D., M.A.I., F.R.S.
June 1896. *Sir JOHN WOLFE BARRY*, K.C.B., LL.D., F.R.S.
April 1898. *Sir William Henry Preece*, K.C.B., F.R.S.
Nov. 1899. *Sir DOUGLAS FOX*.
Nov. 1900. *James Mansergh*, F.R.S.
Nov. 1901. *CHARLES HAWKSLEY*.
Nov. 1902. *JOHN CLARKE HAWKSHAW*, M.A.
Nov. 1903. *Sir William Henry White*, K.C.B., D.Sc., LL.D., D.Eng., F.R.S.
Nov. 1904. *Sir GUILFORD LINDSEY MOLESWORTH*, K.C.I.E.
Nov. 1905. *Sir ALEXANDER RICHARDSON BINNIE*.
Nov. 1906. *Sir ALEXANDER BLACKIE WILLIAM KENNEDY*, LL.D., D.Eng., F.R.S.
Nov. 1907. *Sir WILLIAM MATTHEWS*, K.C.M.G.
Nov. 1908. *Sir James Charles Inglis*.
Nov. 1910. *ALEXANDER SIEMENS*.
Nov. 1911. *WILLIAM CAWTHORNE UNWIN*, B.Sc., LL.D., F.R.S.
Nov. 1912. *ROBERT ELLIOTT-COOPER*.

(The names of those deceased are printed in italics.)

The Institution of Civil Engineers.

Council:

PRESIDENT.

ANTHONY GEORGE LYSTER, M.Eng.

VICE-PRESIDENTS.

BENJAMIN HALL BLYTH, M.A., F.R.S.E.

JOHN STRAIN.

GEORGE ROBERT JEBB.

ALEXANDER ROSS.

OTHER MEMBERS OF COUNCIL.

JOHN AUDLEY FREDERICK ASPINALL, M.Eng.

Sir JOHN WOLFE BARRY, K.C.B., LL.D., F.R.S., *Past-President*.

JOHN ALEXANDER BRODIE, M.Eng.

WILLIAM BOOTH BRYAN.

DUGALD CLERK, D.Sc., F.R.S.

ROBERT ELLIOTT-COOPER, *Past-President*.

ROOKES EVELYN BELL CROMPTON, C.B.

JAMES MURRAY DOBSON.

Sir HAY FREDERICK DONALDSON, K.C.B.

EDWARD BAYZAND ELLINGTON.

WILLIAM HENRY ELLIS.

WILLIAM FERGUSON, M.A., B.A.I.

Sir MAURICE FITZMAURICE, C.M.G., M.A., M.A.I., LL.D.

Sir JOHN PURSER GRIFFITH.

CHARLES AUGUSTUS HARRISON, D.Sc.

ROBERT SWAN HIGHET.

EDWARD HOPKINSON, M.A., D.Sc.

WALTER HUNTER.

HARRY EDWARD JONES.

Sir THOMAS MATTHEWS.

Sir WILLIAM MATTHEWS, K.C.M.G., *Past-President*.

WILLIAM HENRY MAW, LL.D.

CHARLES LANGERIDGE MORGAN.

BASIL MOTT.

FREDERICK PALMER, C.I.E.

HENRY NORLANDE RUTTAN.

ARTHUR MAY TIPPETT.

WILLIAM CAWTHORNE UNWIN, B.Sc., LL.D., F.R.S., *Past-President*.

Sir PHILIP WATTS, K.C.B., LL.D., F.R.S.

WILLIAM BARTON WORTHINGTON, B.Sc.

* * * *This Council will continue until November, 1914.*

Officers:

AUDITORS.

PERCIVAL DAVIS GRIFFITHS.

ARTHUR THOMAS WALMSLEY.

HONORARY SECRETARY.

JAMES FORREST.

TREASURER.

GEORGE JOHN MARJORIBANKS.

SECRETARY.

J. H. T. TUDSBURY, D.Sc.

The Institution of Civil Engineers.

Advisory Committees of the Council.

OFFICERS.

CANADA.

[*Second Committee to be appointed this year.*]

NEW SOUTH WALES.

Chairman.—T. W. KEELE, M.Inst.C.E. . . . }
Hon. Secretary.—T. H. HOUGHTON, M.Inst.C.E. } (*Appointed November, 1913.*)

VICTORIA.

Chairman.—H. C. MAIS, M.Inst.C.E. . . . }
Hon. Secretary.—M. E. KERNOT, M.Inst.C.E. } (*Appointed December, 1913.*)

SOUTH AUSTRALIA.

Chairman.—A. B. MONCRIEFF, C.M.G., M.Inst.
C.E. . . . }
Hon. Secretary.—E. V. CLARK, B.Sc., Assoc.M. } (*Appointed July, 1912.*)
Inst.C.E. . . . }

QUEENSLAND.

Chairman.—H. C. STANLEY, M.Inst.C.E. . . . }
Hon. Secretary.—A. J. GIBSON, Assoc.M. } (*Appointed October, 1911.*)
Inst.C.E. . . . }

NEW ZEALAND.

Chairman.—R. L. MESTAYER, M.Inst.C.E. . . . (*Appointed April, 1912.*)

SOUTH AFRICA.

Chairman.—

INDIA.

Chairman.—R. S. HIGHET, M.Inst.C.E. . . . (*Appointed October, 1913.*)

CONFERENCE ON EDUCATION AND TRAINING OF ENGINEERS, 1911.

OFFICERS.

President of the Conference :

ALEXANDER SIEMENS, President Inst. C.E.

Vice-Presidents of the Conference :

The Right Hon. WALTER RUNCIMAN, M.A., *President of the Board of Education.*

The Right Hon. Lord PENTLAND, *Secretary for Scotland.*

Sir JOHN WOLFE BARRY, K.C.B., LL.D., F.R.S., Past-President Inst. C.E.

Sir WILLIAM H. WHITE, K.C.B., D.Sc., LL.D., D.Eng., F.R.S., Past-President Inst. C.E.

JAMES FORREST, *Honorary Secretary.*

J. H. T. TUDSBERY, D.Sc., *General Secretary.*

Section of General Education.

Chairman :

ANTHONY G. LYSTER, Vice-President Inst. C.E.

Vice-Chairmen :

B. HALL BLYTH, M.A.

H. A. MIERS, M.A., D.Sc., F.R.S., *Principal of the University of London.*

Honorary Secretaries :

D. S. CAPPER, M.A.

E. P. HILL.

Section of Scientific Training.

Chairman :

W. C. UNWIN, B.Sc., LL.D., F.R.S., Vice-President Inst. C.E.

Vice-Chairmen :

Sir ALEXANDER B. W. KENNEDY, LL.D., D.Eng., F.R.S., Past-President Inst. C.E.

W. H. MAW, LL.D.

Honorary Secretaries :

J. D. CORMACK, B.Sc.

Capt. H. RIAL SANKEY.

Section of Practical Training.

Chairman :

R. ELLIOTT-COOPER, Vice-President Inst. C.E.

Vice-Chairmen :

E. B. ELLINGTON.

JAMES SWINBURNE, F.R.S.

W. B. WORTHINGTON, B.Sc.

Honorary Secretaries :

J. W. JACOMB-HOOD.

E. W. MONKHOUSE, M.A.

BASIL MOTT.

ASSOCIATIONS OF STUDENTS.

GLASGOW (*Established 1884*).

President.—W. A. PATERSON, M.Inst.C.E.

Vice-Presidents.—J. M. Clark, M.A., B.Sc., J. M. Hogg, N. Martin, B.Sc., Assoc.MM.Inst.C.E.

Members of Council.—T. C. Grisenthwaite, B.Sc., J. Meehie, B.Sc., J. B. M. McNab, W. J. D. Pinkerton.

Hon. Treasurer.—P. D. Donald, B.Sc., Assoc. M.Inst.C.E.

Hon. Secretary.—J. M. Osborne, 131 West Regent Street, Glasgow.

MANCHESTER (*Established 1885-86*).

President.—S. L. PEARCE, M.Inst.C.E.

Vice-Presidents.—J. Glover, M.A., A. Hope, J. P. Bedson, G. Hughes, MM.Inst.C.E.

Members of Council.—R. Eastwood, B.Eng., T. Elce, M.Sc.Tech., F. J. Hookham, W. G. Johnson, H. L. Molyneux, D. T. Sloan, W. F. Walker, B.Sc.

Hon. Treasurer.—H. N. Allott, M.Inst.C.E.

Hon. Secretaries.—W. G. Codling, B.Sc.Tech., 56 Bland Street, Manchester; and E. L. Leeming, M.Sc.Tech.

BIRMINGHAM (*Established 1886*).

President.—F. W. MACAULAY, M.Inst.C.E.

Vice-Presidents.—J. Cadman, D.Sc., H. P. Miles, H. P. Raikes, A. W. Willet, MM.Inst.C.E.

Members of Council.—E. P. Currall, M.Sc., A. H. Davenport, B.A., B. A. E. Heilig, W. H. Thompson, A. J. S. Woolward.

Hon. Treasurer.—A. D. Greator, M.Inst.C.E.

Hon. Secretaries.—R. H. N. Vandrey, B.Sc., 71 Westfield Road, Edgbaston, Birmingham; and C. H. Bailey, B.Sc.

NEWCASTLE-ON-TYNE (*Established 1891-92*).

President.—C. H. SANDEMAN, M.Inst.C.E.

Vice-Presidents.—N. G. Gedy, B.Sc., W. Simpson, J. W. Moneur, R. F. Hindmarsh, MM.Inst.C.E., T. W. Bracken, B. P. Fletcher, W. H. Dickenson, B.Sc., Assoc.MM.Inst.C.E.

Members of Council.—R. W. Brims, P. F. Campbell, E. D. Case, F. H. Colebrook, L. E. Greening, C. N. Stuart.

Hon. Treasurer.—F. J. Edge, M.Inst.C.E.

Hon. Secretaries.—J. H. Brunskill, B.Sc., Bolbec Hall, Newcastle-on-Tyne; and E. R. Baker.

YORKSHIRE (*Established 1894-95*).

President.—PROFESSOR G. F. CHARNOCK, M.Inst.C.E.

Vice-Presidents.—W. F. Beardshaw, H. J. Rudgard, MM.Inst.C.E., J. T. Pullon, J. Gilchrist, B.Sc., Assoc. MM.Inst.C.E.

Members of Council.—C. Butler, J. L. Butler, E. C. Ingleby, S. Ives, J. H. Marriott, G. Senior.

Hon. Treasurer.—C. W. Shaw, Assoc. M. Inst. C.E.

Hon. Secretary.—A. C. Bingham, 19 Claremont Drive, Headingley, Leeds.

BRISTOL, WEST OF ENGLAND AND SOUTH WALES

(*Established 1905*).

President.—T. MORGANS, M.Inst.C.E.

Vice-Presidents.—J. A. McPherson, W. Cleaver, A. P. I. Cotterell, G. T. Sibbering, MM.Inst.C.E.

Members of Council.—G. O. Ellinger, H. J. C. Harper, C. E. Holloway, B.Sc., A. J. S. Pippard, G. K. Sutherland.

Hon. Treasurer.—T. H. Yabbicom, M.Inst.C.E.

Hon. Secretary.—R. H. Hammett, 48 Richmond Road, Cardiff.

* * The Members of Council and Honorary Secretaries are elected from among the Students of The Institution.

The Institution of Civil Engineers

Was first established, and has since been incorporated by Royal Charter,

FOR THE GENERAL ADVANCEMENT OF MECHANICAL SCIENCE,

and more particularly for promoting the acquisition of that species of knowledge which constitutes the profession of a Civil Engineer; being the art of directing the great sources of power in Nature for the use and convenience of man, as the means of production and of traffic in States both for external and internal trade, as applied in the construction of roads, bridges, aqueducts, canals, river navigation and docks, for internal intercourse and exchange; and in the construction of ports, harbours, moles, breakwaters and lighthouses, and in the art of navigation by artificial power for the purposes of commerce; and in the construction and adaptation of machinery; and in the drainage of cities and towns.

CONSTITUTION.

THE INSTITUTION OF CIVIL ENGINEERS shall consist of Members, of Associate Members, of Associates entitled to the privileges of Corporate Membership, and of Honorary Members. All such Members, Associate Members, Associates, and Honorary Members may hereafter be referred to as Corporate Members. The Institution may also have attached to it Associates who are not entitled to the privileges of Corporate Membership, and Students.

MEMBERS shall comprise every person who, on the 2nd of December, 1878, was on the Register as a Member; and every person thereafter elected or transferred into the class of Members. Every Candidate for election or transfer into the class of Members shall be more than thirty-three years of age, and shall come within one of the following conditions:—

He shall either be an Associate Member of The Institution or shall have fulfilled the conditions necessary for Associate Membership. He shall have had, further, five years' employment in positions of responsibility for the design or the execution of important engineering work, and shall be so engaged at the time of his application for election or transfer; or,

He shall satisfy the Council that he has had suitable education and training as a Civil Engineer, and he shall have had, further, at least fifteen years' employment in positions of responsibility for the design or execution of important engineering work, being so engaged at the time of his application for election, and he shall have acquired a considerable degree of eminence in the profession of a Civil Engineer.

ASSOCIATE MEMBERS shall comprise every person who, being a Civil Engineer by profession, was on the register as an Associate on the 2nd of December, 1878, and every person thereafter elected into the class of Associate Members.

Every candidate for election into the class of Associate Members shall be more than twenty-five years of age—he shall have been regularly educated as a Civil Engineer, shall have passed the Studentship and the Associate Membership Examinations of The Institution or such examination or examinations as are recognized by the Council as exempting therefrom, and shall be actually engaged at the time of his application for election in the design or in the construction of such works as are comprised within the profession of a Civil Engineer as defined by the Charter. Every candidate shall, further, come within one of the four following conditions:—

(a) He shall have been regularly trained under agreement as a pupil or apprentice of a Civil Engineer for at least three years, and he shall have had in addition two years' experience in the design or in the construction of such works as are comprised within the profession of a Civil Engineer, or one year of such experience together with two years' regular work in an Engineering College approved by the Council—one year at least of the foregoing total period of five or six years, as the case may be, having been spent in the office, and one year at least in or upon engineering works; or,

(b) He shall have followed in an Engineering College a regular course recognized by the Council as leading to a degree exempting from the Associate Membership Examination, shall have duly obtained such degree, and shall have had at least two years' training as an articulated pupil or as an apprentice or assistant under agreement to a Civil Engineer—one year at least of this period of two years having been spent in the office, and one year at least in or upon engineering works; or,

(c) He shall have followed in an Engineering College a regular course extending over at least three years recognized by the Council as leading to a degree exempting from the Associate Membership Examination, and shall have had at least four years' experience as an assistant under a Corporate Member—one year at least of this period of four years having been spent in the office, and one year at least in or upon engineering works; or,

(d) He shall have had at least seven years' experience of a character satisfactory to the Council as an assistant to a Corporate Member—partly in the office, and partly in or upon engineering works.

Teachers of Engineering in Colleges which have courses recognized by the Council as leading to degrees exempting from the Associate Membership Examination may be regarded as employed "in the design" of engineering work. Persons who are so employed at the time of their application for election shall have had in addition to the requisite period of pupilage, apprenticeship, or training or experience as an assistant, at least four years' practical experience in an engineer's office or in or upon engineering works.

In the case of candidates otherwise eligible, but who have not passed the Studentship Examination, or an examination recognized by the Council as exempting therefrom, the Council may, up to and including the year 1914, substitute such modified examination in the subjects of

general education as they may deem suitable, having regard to the ages of the candidates and other circumstances.

ASSOCIATES ENTITLED TO THE PRIVILEGES OF CORPORATE MEMBERSHIP shall comprise every person who, not being a Civil Engineer by profession, was on the Register as an Associate on the 2nd of December, 1878.

ASSOCIATES NOT ENTITLED TO THE PRIVILEGES OF CORPORATE MEMBERSHIP shall be persons who are not Civil Engineers by profession, but whose pursuits constitute branches of Engineering, or who by their connection with Science or the Arts, or otherwise, are qualified to concur with Civil Engineers in the advancement of professional knowledge.

HONORARY MEMBERS shall be either distinguished individuals, who from their position are enabled to render assistance in the prosecution of public works, or persons eminent for science and experience in pursuits connected with the profession of a Civil Engineer, but who are not engaged in the practice of that profession in the United Kingdom or its dependencies.

STUDENTS shall be persons not under eighteen years of age, who are, or have been, pupils of Corporate Members of The Institution, who have complied with the regulations as to the admission of Students, and who have the object or intention of becoming engaged in the design or in the construction of such works as are comprised within the profession of a Civil Engineer as defined by the Charter; and such persons may continue Students until they attain the age of twenty-six years, or otherwise until they complete any term of pupilage or apprenticeship or service as an assistant under agreement, upon which they may have entered prior to their admission as Students.

Upon producing evidence of having passed the Studentship Examination or such examination in the subjects of general education as may be recognized by the Council as exempting therefrom, persons, between the ages of 18 and 25 years, may be admitted as Students by the Council on the recommendation of the Corporate Members under whom they are, or have been, pupils, apprentices, or assistants under agreement, or students in Engineering Colleges, the entrance examinations or the degrees of which are recognized by the Council as exempting from the Studentship Examination and in such other Colleges as may be approved by the Council.

Any Member, Associate Member, Associate, Honorary Member, or Student, having occasion to designate himself as belonging to The Institution, shall state the class to which he belongs, according to the following abbreviated forms, viz., M. Inst. C.E., Assoc. M. Inst. C.E., Assoc. Inst. C.E., Hon. M. Inst. C.E., Stud. Inst. C.E.

ELECTION, TRANSFER, AND ADMISSION OF STUDENTS.

Full particulars of the conditions to be observed, and the procedure to be followed, by candidates for election into The Institution, for transfer to the class of full Members, and for admission as Students, may be obtained by application to the Secretary of The Institution.

CONTRIBUTIONS TO THE FUNDS.

The following Table shows the rates of Annual Subscriptions—those persons being considered Residents whose place of business or whose residence is within ten miles of the General Post Office, London:—

	MEMBER.			ASSOCIATE MEMBER AND ASSOCIATE.			STUDENT.		
	£.	s.	d.	£.	s.	d.	£.	s.	d.
Resident	4	4	0	3	3	0	2	2	0
Non-resident . . .	3	3	0	2	12	6	1	11	6

On admission to The Institution every new Member is required to pay a fee of £21, and every new Associate Member and Associate, £10 10s. Every Associate Member on transference to full Membership is required to pay a fee of £10 10s.

EXTRACT FROM BY-LAWS. SECT. VII. CL. 7.—“Any Member, Associate Member, or Associate, whose subscription is not in arrear, may compound for future annual subscriptions by the payment of sixty guineas.”

THE SESSIONS AND MEETINGS.

The Session of The Institution commences annually on the first Tuesday in November, and continues till the end of April. The Ordinary Meetings, to which every Corporate Member has the privilege of introducing one visitor, are held on every Tuesday during the Session, at eight o'clock in the evening. At these meetings Original Communications are read descriptive of some engineering work, or on some branch of the allied sciences; and afterwards the communications are fully and freely discussed. These Papers, and the discussions and correspondence to which they give rise, are embodied in quarterly volumes, which likewise include other Original Communications presented to The Institution, as well as “Abstracts of Papers in Scientific Transactions and Periodicals.” Of these volumes the members of all classes are entitled to receive a copy.

ENUMERATION.

	1 July, 1913.	1 July, 1914.
HONORARY MEMBERS	19	18
MEMBERS	2,367	2,390
ASSOCIATE MEMBERS	5,139	5,240
ASSOCIATES	223	210
STUDENTS	1,392	1,322
TOTAL	9,140	9,180

NOTICE.

With a view to avoid miscarriage of the publications and other communications from The Institution, it is particularly requested that members will notify in writing any change of address for registration, or any inaccuracy observed in this List, without delay to

The Secretary,

The Institution of Civil Engineers,

Great George Street,

Westminster,

S.W.

The prefix (†) indicates the contributor of a Paper published in the Minutes of Proceedings, or of an Engineering Conference Note.

„	(T)	indicates the recipient of a Telford Medal. (1835.)
„	(t)	„ „ Telford Premium. (1835.)
„	(m)	„ „ Manby Premium. (1857.)
„	(W)	„ „ Watt Medal. (1858.)
„	(M)	„ „ Miller Scholarship. (1860.)
„	(m)	„ „ Miller Prize. (1860.)
„	(H)	„ „ Howard Quinquennial Prize. (1872.)
„	(S)	„ „ George Stephenson Medal or Prize. (1881.)
„	(t)	„ „ Trevithick Premium. (1889.)
„	(C)	„ „ Crompton Prize. (1890.)
„	(J)	„ „ Joule Medal. (1897.)
„	(f)	„ „ James Forrest Medal. (1899.)
„	(B)	„ „ Bayliss Prize. (1901.)
„	(I)	„ „ Indian Premium. (1907.)
„	(w)	„ „ Webb Prize. (1908.)
„	(F)	„ deliverer of a James Forrest Lecture. (1893.)
„	(R)	„ appointment to a commission in the Royal Reserve of Engineers. (1908.)
„	(*)	„ a former Student.

. The dates in brackets give the years of foundation or inauguration of Medal, Prize, Lecture, etc.

PATRON.

HIS MAJESTY GEORGE V.

OF THE UNITED KINGDOM OF GREAT BRITAIN AND IRELAND
AND OF THE BRITISH DOMINIONS BEYOND THE SEA, KING, EMPEROR OF INDIA.

Date of Election.	HONORARY MEMBERS.	
1895 Nov. 12.	{ HIS IMPERIAL MAJESTY WILHELM II., GERMAN EMPEROR AND KING OF PRUSSIA.	
1872 May 7.	{ I.R.H. ARTHUR, DUKE OF CONNAUGHT, K.G., P.C.	
1903 Apr. 7.	{ H.H. PRINCE AUGUSTE D'ARENBERG, G.C.S.I. (<i>Hon.</i>)	{ Compagnie Universelle du Canal Maritime de Suez, Rue Charras 9, Paris.
1883 Dec. 4.	{ Viscount ALVERSTONE, G.C.M.G., P.C., LL.D.	{ Winterfold, Cranleigh, Surrey.
1901 Mar. 5.	{ (<i>Cantab.</i>)	
1914 Apr. 21.	{ The Right Hon. ARTHUR JAMES BALFOUR, P.C., F.R.S., D.L., M.P.	{ 4 Carlton Gardens, S.W.
T ✕ 1911 Apr. 4.	{ Earl BRASSEY, G.C.B., D.C.L. (<i>Oxon.</i>) (<i>former Associate of Council</i>)	{ 28 Victoria Street, S.W.
1903 Apr. 7.	{ The Right Hon. JOSEPH CHAMBERLAIN, P.C., F.R.S., M.P.	{ 40 Prince's Gardens, S.W.
1903 Mar. 3.	{ The Earl of CROMER, G.C.B., O.M., G.C.M.G., K.C.S.I., C.I.E., P.C.	{ 36 Wimpole Street, W.
1909 Jan. 12.	{ Earl CURZON OF KEDLESTON, G.C.S.I., G.C.I.E., P.C., D.C.L., LL.D., M.A., F.R.S.	{ 1 Carlton House Terrace, S.W.
1901 Apr. 23.	{ Sir JAMES DEWAR, M.A. (<i>Edin.</i>), LL.D. (<i>Edin., Glas. and St. Andrews</i>), F.R.S.	{ Royal Institution, Albemarle Street, W.
1903 Apr. 7.	{ Sir ARCHIBALD GEIKIE, K.C.B., O.M., LL.D. (<i>B'ham. and Liverpool</i>), D.Sc. (<i>Sheffield and Durham</i>), F.R.S.	{ Shepherds Down, Haslemere, Surrey.
1912 Dec. 3.	{ THOMAS COLTRIN KEEFER, C.M.G.	{ Ottawa, Canada.
1904 Feb. 2.	{ Earl KITCHENER OF KHAR- TUM, Field-Marshal, K.P., G.C.B., O.M., G.C.S.I., G.C.M.G., G.C.I.E., D.C.L. (<i>Oxon.</i>), LL.D. (<i>Cantab. and Glas.</i>)	{ British Agency, Cairo, Egypt.
1907 Apr. 9.	{ Viscount MILNER, P.C., G.C.B., G.C.M.G., M.A., D.C.L. (<i>Oxon.</i>)	{ Sturry Court, Sturry, Kent.
1908 Mar. 3.	{ Sir ANDREW NOBLE, Bart., Capt. R.A. <i>ret.</i> , K.C.B., D.Sc., D.C.L., F.R.S. (<i>former Member of Council</i>)	{ Elswick Works, Newcastle-on- Tyne.
1913 Mar. 11.	{ Sir GERARD HENRY UCTRED NOEL, G.C.B., K.C.M.G., <i>Ad- miral of the Fleet</i>	{ Fincham, Downham, Norfolk.
1911 Apr. 4.	{ The Duke of NORTHUMBERLAND, K.G., P.C.	{ 2 Grosvenor Place, S.W.
1891 Jan. 13.	{ Lord RAYLEIGH, O.M., P.C., M.A., D.C.L. (<i>Oxon. and Dur- ham</i>), D.Sc. (<i>Cantab., Dubl. and Leeds</i>), LL.D. (<i>B'ham.</i>), F.R.S.	{ Terling Place, Witham, Essex.

Total number of Honorary Members .. 18.

MEMBERS.

[M. Inst. C.E.]

Date of Election and of Transfer.	MEMBERS.	
1889 Jan. 8.	ABBATT, RICHARD HENRY ..	{c.o. B.T. Batsford, 94 High Holborn, W.C.
1885 Dec. 1.	*ABBOTT, WILLIAM SUTHER-	{The Patch, Branksome Park, Bournemouth.
1898 Nov. 29.	LAND	
† {1894 Jan. 9.	ABELL, WILLIAM PRICE ..	Castle Hill, Duffield, Derby.
† {1899 Nov. 28.		
t † {1881 Jan. 11.	*ABERNETHY, GEORGE NEILL ..	82 Caxton House, Westminster, S.W.
† {1885 May 19.		
1883 May 29.	ABURROW, CHARLES ..	Box 534, Johannesburg, Transvaal.
1898 Mar. 1.		
1897 Apr. 6.	{ACLAND, FRANCIS EDWARD	{7 Princes Street, Westminster, S.W. (Victoria 3617.)
	{DYKE, Captain R.A. ret. ..	
1887 Mar. 1.	*ADAM, JAMES, F.C.H. ..	{c.o. Manager, Bank of New South Wales, Sydney, N.S.W.
1913 Jan. 21.		
1891 Dec. 1.	*ADAM, ROBERT ..	40 Gayton Road, Harrow, Middx.
1906 Jan. 30.		
1894 May 1.	ADAMS, BURNET ..	{Surveyor-General, Bloemfontein, O.R.C.
1907 Apr. 9.		
1892 Mar. 1.	*ADAMS, FREDERICK ..	{Esquina Panuco y Sena, Mexico City.
1903 Dec. 22.		
1913 Apr. 1.	*ADAMS, GEORGE FRANCIS ..	{Dhaubad, Manbhum District, Bengal.
1871 Dec. 5.	*ADAMS, HENRY ..	
1883 May 1.		{60 Queen Victoria Street, E.C. (Bank 6006.)
m {1899 Jan. 10.	*ADAMS, HENRY CHARLES ..	
m {1914 Apr. 7.		{60 Queen Victoria Street, E.C. (Bank 6006).
1914 Apr. 21.	ADAMSON, DANIEL ..	
1896 Dec. 1.	ADIE, ALFRED EDMOND ..	Rajpur Road, Delhi, India.
1902 Dec. 2.		
1889 Dec. 3.	AGNEW, SAMUEL HEWETT ..	63 Bushmead Avenue, Bedford.
1898 Apr. 26.		
1904 Jan. 12.	AIRD, CONRAD KEITH ..	Herderstrasse 9, Breslau, Germany.
t m † {1867 May 21.	AIRY, WILFRID, B.A. (Cantab.)	
† {1874 Apr. 21.		{White House, Croom's Hill, Green- wich, S.E.
† {1893 Dec. 5.		
† {1904 Jan. 19.	AITKEN, THOMAS ..	County Buildings, Cupar, Fife, N.B.
1887 May 24.	*AKBAR, ALI ..	
1903 Dec. 22.		Supt. Engr., Bombay, India.
† {1875 Mar. 2.	ALBRECHT, CHARLES JOHN ..	
† {1879 Dec. 16.		47 Queen's Road, Richmond, Surrey.
1901 Apr. 23.	ALBY, AMÉDÉE MARIE JOSEPH	
1890 Mar. 4.	ALEXANDER, ANDREW MILLER	41bis Boulevard Lannes, Paris. 52 Lime Street, E.C.
1912 Apr. 2.	ALEXANDER, JAMES MACLEAN	
		{c.o. South American Railway Con- struction Co., Ltd., 54 New Broad Street, E.C.
1892 May 3.	*ALEXANDER, WILLIAM ..	7 Victoria Road, Canterbury.
1910 Apr. 26.		
1892 Feb. 2.	*ALFORD, JOHN SIDNEY ..	{9 Victoria Street, S.W. (Droffland, London. Victoria 1948.)
1906 Feb. 20.		
† {1879 Feb. 4.	ALFORD, ROBERT GERVAISE,	{1 Windmill Hill, Hampstead, N.W.
† {1884 May 27.	F.R.S.E. ..	

Date of Election and of Transfer.		MEMBERS.	
1901 Dec. 3.	ALLAN, CHARLES EDWARD ..	Stormont, Belfast.	
1889 Dec. 3.}	*ALLAN, JOHN FREDERICK ..	62 London Wall, E.C.	
1913 Dec. 9.}			
† {1890 May 20.}	ALLAN, PERCY	{ Roads & Bridges Dept, Sydney,	
{1900 Dec. 19.}		{ N.S.W.	
1906 Apr. 3.}	ALLEN, EDWARD	Glentruan, Aigburth Rd., Liverpool.	
1893 Feb. 7.}	*ALLEN, HERBERT EDWARD ..	{ Wroxtton, Middleton Hall Road,	
1900 Jan. 30.}		{ King's Norton, Birmingham.	
t † {1892 May 24.}	ALLEN, RICHARD WILLIAM ..	Queen's Works, Bedford.	
{1908 Apr. 7.}			
† {1883 Mar. 6.}	ALLEN, WILLIAM HENRY ..	{ Queen's Engineering Works, Bed-	
{1891 Apr. 7.}		{ ford.	
1895 Feb. 5.}	*ALLEN-WILLIAMS, ARTHUR	Punchard & Co., 151 Cannon Street,	
1908 Apr. 7.}	JOHN	E.C.	
1894 Dec. 4.}	ALLMAN, EDWARD MCCARTHY	P.W.D., Sydney, N.S.W.	
m {1895 Dec. 3.}	*ALLOTT, HENRY NEWMARCH ..	46 Brown Street, Manchester.	
{1907 Feb. 12.}			
1872 Feb. 6.}	ALLPORT, HOWARD ASTON ..	Dodworth Grove, Barnsley.	
1903 Mar. 3.}	ALLPRESS, VINCENT SYDNEY ..	Southwick, Sussex.	
1902 Jan. 14.}	ALSTON, WILLIAM MURRAY ..	16 Robertson Street, Glasgow.	
1900 Feb. 6.}	*ANDERSON, ATHOL LANCELOT.	H.M. Dockyard, Hong Kong.	
1913 Apr. 29.}			
† {1899 Jan. 10.}	ANDERSON, CHARLES WILLIAM	{ 208 Hainault Road, Leytonstone,	
{1905 Dec. 19.}		{ N.E.	
I t † {1892 May 24.}	ANDERSON, FRANCIS PHILIP ..	King, King & Co., Bombay.	
{1899 Jan. 10.}			
1880 Feb. 3.}	ANDERSON, GEORGE		
1883 Dec. 4.}	ANDERSON, GEORGE GRAY ..	{ Rooms 624/6, First National Bank	
1907 Apr. 9.}		{ Bldg., Denver, Colorado, U.S.A.	
1888 May 1.}	*ANDERSON, JAMES HENRY ..	{ District Engr., Caledonian Ry., 87	
1896 Mar. 24.}		{ Union Street, Glasgow.	
1897 Mar. 2.}	ANDERSON, JOHN WEMYSS,	The University, Liverpool.	
1906 Jan. 23.}	M.Eng. (<i>Liverpool</i>)		
1890 Dec. 2.}	ANDERSON, JOSHUA THOMAS	Springbank, Narbethong, Victoria,	
1906 Jan. 9.}	NOBLE, B.A., B.E. (<i>Royal</i>) ..	Australia.	
1885 Mar. 3.}	ANDERSON, ROBERT, C.M.G. ..	{ 33 Charles Street, St. James's	
1891 Nov. 3.}		{ Square, S.W.	
1913 Apr. 22.}	ANDERSON, ROBERT	{ 5 Rathmore Avenue, Mossley Hill,	
		{ Liverpool.	
1904 Jan. 12.}	ANDERSON, WILLIAM HENRY ..	Cerrig-y-Druidion, Corwen, North	
	ANDERSON, WILLIAM	[Wales.]	
1904 Jan. 12.}	PATRICK, C.M.G., <i>Lieut.-</i>	64 Cooper Street, Ottawa, Canada.	
	<i>Col. Canadian Militia,</i>		
	<i>(former Member of Council)</i>		
1912 Apr. 23.}	ANDREWS, GEORGE LEONARD,	Pernambuco Tramways & Power Co.,	
	B.Sc. (<i>Lond.</i>)	Ltd., Pernambuco, Brazil.	
1894 Dec. 4.}	ANDREWS, GEORGE SAMUEL	Box 1,049, Johannesburg, Transvaal.	
1905 Dec. 19.}	BURT		
1903 Apr. 7.}	ANDREWS, LEONARD	4 Queen Victoria Street, E.C.	
1910 Apr. 26.}			
1877 Mar. 6.}	ANDREWS, WILLIAM	Redfield, Lynton Road, Acton, W.	
1898 Apr. 5.}	ANGEL, ROBERT JOHN	Town Hall, Bermondsey, S.E.	
1905 Dec. 19.}			
1882 Dec. 5.}	ANGUS, DAVID	9 Muswell Road, N.	
1893 Dec. 19.}			
1887 Feb. 1.}	ANGUS, JONATHAN	{ 17 Victoria Street, S.W. (Fuimus,	
1894 Mar. 6.}		{ London. Victoria 5040.)	
1905 Jan. 10.}	{ ANSTEY, HENRY CHARLES,	Inspección Jeneral de Máquinas,	
1908 Mar. 10.}	{ <i>Engineer Lieutenant, R.N.</i>	Arsenales de Marina, Valparaíso,	
		Chile.	
1891 Dec. 1.}	*ANTHONY, CHARLES, Jun. ..	{ Campania Aguas Corrientes de Bahía	
1900 Jan. 30.}		{ Blanca, Casilla de Correo 149,	
		{ Bahía Blanca, Argentina.	

Date of Election and of Transfer.	MEMBERS.	
1910 Dec. 6.	*ANTHONY, PHILIP ARNOLD ..	{Kuala Lumpur, Federated Malay States.
t ✚ {1901 Mar. 5.}	APPLEYARD, ROLLO	{79 St. Mary's Mansions, Paddington, W.
{1910 Apr. 26.}		{e.o. British Bank of South America, Ltd., 4 Moorgate Street, E.C.
1897 Dec. 7.	ARGOLLO, MIGUEL DE TEIVE E	{Midland Ry., Derby.
1885 May 5.	ARGYLE, JOHN	{Elswick Works, Newcastle-on-Tyne.
1902 Mar. 4.	ARKWRIGHT, BERNARD GEORGE	{Casilla 8D. Compania de Gas, Santiago de Chile.
1908 Mar. 3.}	ARMITT, HENRY THOMAS ..	
1912 Apr. 25.}		
m {1877 May 29.}	*ARMSTRONG, WALTER YOUNG ..	{G.W. Ry., Paddington, W.
{1890 Feb. 4.}		
1900 Dec. 4.	ARMSTRONG, WILLIAM	{Elmfield Lodge, Gosforth, Newcastle-on-Tyne.
1891 Dec. 1.}	*ARNOT, ARTHUR JAMES	{427 Sussex Street, Sydney, N.S.W.
1910 Apr. 12.}		
1891 Jan. 13.}	ARNOT, WILLIAM	{163 Hope Street, Glasgow. (Induction, Glasgow. Argyle 638.)
1896 Dec. 22.}		{9 Grange Road, Edinburgh.
1901 Feb. 5.	ARNOTT, MARMADUKE HENRY	{Waterworks Company, Commercial Road, Portsmouth.
1899 Feb. 7.}	*ASHLEY, HERBERT	{The Hall, Witton-le-Wear, co. Durham.
1905 Dec. 19.}		
1882 May 2.	ASKWITH, ROBERT	
W t ✚ {1881 Feb. 1.}	{ASPINALL, JOHN AUDLEY	{Gledhill, Mossley Hill Drive, Sefton Park, Liverpool.
{1887 Nov. 22.}	{FREDERICK, M. Eng. (Liverpool) (Member of Council) ..	
1871 Feb. 7.}	ATHERSTONE, GUYRON DAMANT	{Box 92, Grahamstown, Cape Colony.
1884 Oct. 14.}		
1896 Apr. 14.}	ATKINSON, HERBERT JEFCOATE,}	{34 Albert Road, Withington, Manchester.
1902 Feb. 11.}	{B.A.I. (Dubl.)}	
1891 Mar. 3.}	AUDEN, ARTHUR CHARLES ..	{40 Holmdene Avenue, Herne Hill, S.E.
1913 Dec. 9.}		
1894 Jan. 9.}	*BARTIE, JOHN TAYLOR	{17 Blythswood Square, Glasgow. (Central 1848.)
1907 Mar. 12.}		
10 ✚ {1887 Dec. 6.}	*BACH, FREDERICK WILLIAM ..	{23 Dresden Road, Upper Holloway, N.
{1907 Feb. 12.}		
✚ {1897 Dec. 7.}	{*BADCOCK, HUGH DANIEL,}	{Kilve Court, nr. Bridgwater.
{1908 Feb. 11.}	{M.A. (Oxon.)}	
1892 Dec. 6.}	*BADER, FREDERICK ROBERT ..	{e.o. Henry S. King & Co., 65 Cornhill, E.C.
1910 Jan. 11.}		
1874 Dec. 1.}	*BAGGALLAY, HENRY CHARLES	{Heatherhurst Grange, Frimley Green, Surrey.
1889 Mar. 26.}		{Sutlej Valley Railway, Ferozepore, Punjab, India.
1890 Dec. 2.	BAGLEY, FREDERICK ROBERT ..	
1894 Mar. 6.}	*BAILEY, ARTHUR STOWEY ..	{Hilltop, Ashted, Surrey.
1904 Dec. 13.}		
1889 Dec. 3.}	BAILEY, FRANK	{61 Bankside, S.E.
1899 Jan. 10.}		
1896 Feb. 4.	BAILEY, THOMAS HENRY ..	{13 Bennett's Hill, Birmingham.
1888 Feb. 7.	BAILLIE, JONATHAN ROBERT ..	{e.o. T. J. Baillie, 59 Melrose Avenue, Cricklewood, N.W.
1905 Jan. 10.	BAIN, JAMES	{E. M. Hughes, Drawing Office, Cunard Works, Bootle, Liverpool.
1881 Dec. 6.}	BAKER, JOHN BECKETT	{Club de Residentes Extranjeros, Bartolomé Mitre 476, Buenos Aires.
1897 Mar. 29.}		

	Date of Election and of Transfer.	MEMBERS.	
	1901 Feb. 5.	*BAKER REGINALD FRANCIS ..	{ 20 Old Park Ridings, Winchmore Hill, N.
	1912 Apr. 2.		
	1892 Dec. 6.	BALD, FRANCIS ALOYSIUS ..	{ Engr.'s Office, G.E. Ry., Liverpool Street, E.C.
	1914 Feb. 10.		
	1877 Feb. 6.	*BALDRY, HENRY OSBORNE ..	21 Queen Anne's Gate, S.W.
	1886 Feb. 9.		
	1884 Jan. 8.	BALE, MANFRED POWIS ..	15 Sutton Court Road, Chiswick, W.
	1904 Feb. 23.		
	1875 May 4.	BALFOUR, DAVID	{ Myre Hall, Houghton-le-Spring, co. Durham.
	1889 Apr. 9.		
	1892 Mar. 1.	*BALFOUR, DAVID, JUN. ..	{ 3 St. Nicholas Buildings, Newcastle-on-Tyne. (2189.)
	1901 Feb. 19.		
m ✚	{ 1892 May 24.	*BALL, JAMES BENJAMIN ..	{ G. C. Railway, Engineer's Office, Marylebone, N.W.
	{ 1902 Feb. 11.		
	1899 Jan. 10.	{ BALL, JOHN, Ph.D. (Zürich),	Survey Dept., Cairo, Egypt.
	1911 Jan. 10.	{ D.Sc. (Lond.)	
	1899 Mar. 7.	{ BANCROFT, FRANCIS JAMES,	Barnet District Gas and Water Co.,
	1908 Feb. 11.	{ B.Sc. (Lond.)	Station Road, New Barnet.
	1910 Dec. 6.	{ BANDEIRA, MANOEL CARNEIRO	Avenida Rio Branco 52, Rio de Janeiro, Brazil.
		{ DE SOUZA	
	1898 Dec. 6.	BANISTER, GEORGE HENRY ..	{ Vickers, Sons, and Maxim, Barrow-in-Furness.
	1893 May 2.		
	1894 Oct. 16.	BARBER, JAMES PATTEN ..	Town Hall, Islington, N.
t ✚	1899 Jan. 10.	BARBER, THOMAS WALTER ..	16 Anerley Hill, S.E.
	1885 Dec. 1.	BARFIELD, SAMUEL GEORGE	
	1894 Nov. 6.	{ HERBERT, D.Sc. (Lond.) ..	Aidin Railway, Smyrna.
	1893 Feb. 7.	*BARHAM, HUGH GARRATT	
	1909 Apr. 20.	{ FOSTER	La Belotte, Geneva, Switzerland.
	1881 Feb. 1.		
	1889 Mar. 19.	BARKER, JOHN	{ Ellenbank, Leigham Court Road, Streatham Hill, S.W.
m ✚	{ 1892 Dec. 6.	*BARKER, JOHN HENRY ..	{ Birmingham Metal and Munitions Co., Ltd., Adderley Park Mills, Birmingham.
	{ 1902 Mar. 11.		
	1891 Dec. 1.	*BARKER, LÉON HARRY ..	70 Hagley Road, Stourbridge.
	1903 Dec. 22.		
	1889 May 7.	BARKER, ROBERT	{ S.E. & C. Ry., London Bridge Station, S.E.
t ✚	{ 1892 Dec. 6.	BARLING, IVAN COLLINGWOOD ..	Royal Exchange, Middlesbrough.
	{ 1901 Feb. 12.		
	1872 Dec. 3.	*BARLOW, CRAWFORD,	
	1879 Dec. 23.	{ B.A. (Cantab.)	The Field, Saltwood, Kent.
	1880 May 4.	BARLOW, EDWIN SYDNEY ..	{ Grassfield Cottage, Pateley Bridge, Yorks.
	1893 Dec. 12.		
W S t ✚	{ 1881 May 3.	*BARNABY, SYDNEY WALKER ..	Oak Lodge, Bitterne, Hants.
	{ 1888 Mar. 6.		
	1907 Feb. 5.	{ BARNARD, ERNEST AUGUSTUS	Director of Works Dept., Admiralty, S.W.
		{ WILLIAM	
	1891 Feb. 3.	*BARNARD, HENRY CUTHBERT ..	{ Engineer, Ways and Works, F.M.S. Rys., Federated Malay States.
	1906 Dec. 4.		
	1886 Apr. 6.	BARNES, JOHN FREDERICK	45 Burger Street, Pietermaritzburg,
	1889 Nov. 5.	{ EVELYN, C.M.G.	Natal.
✚	1897 Jan. 12.	BARNETT, MICHAEL RATCLIFFE	Town Hall, Keighley.
	1879 Dec. 2.	BARNETT, PATRICK MOIR ..	{ Ivy Lodge, Westfield Terrace, Aberdeen.
	1890 Apr. 1.	{ BARR, Professor ARCHIBALD,	Anniesland, Glasgow.
		{ D.Sc. (Glas.)	
	1907 Apr. 9.	BARRATT, CHARLES HENRY ..	16 Apsley Road, Clifton, Bristol.
	1896 Jan. 14.		
	1910 Apr. 26.	BARRINGER, HERBERT ..	78 Gracechurch Street, E.C.
✚	{ 1883 Jan. 9.	*BARRINGTON, WILLIAM ..	10 George Street, Limerick.
	{ 1891 Feb. 3.		

Date of Election
and of Transfer.

MEMBERS.

t †	1878 Feb. 5.	BARRON, JAMES	216 Union Street, Aberdeen.
	1883 May 29.		
	1896 May 5.		
	1910 Apr. 26.		
	1913 Jan. 14.	BARRON, NEIL McKECHNIE ..	G. & F. W. Hodson, Civil Engineers, Loughborough.
	1887 Apr. 5.		
	1897 Nov. 30.	*BARROW, WALTER DUNCAN ..	Carlton Lodge, Bramhall, Cheshire.
T t †	1887 May 24.	BARRY, ARTHUR JOHN	2 Queen Anne's Gate, S.W.
	1893 May 16.		
	1868 Feb. 4.	{ BARRY, Sir JOHN WOLFE, K.C.B., LL.D. (Glas.), F.R.S. (Past-President. Member of Council). }	2 Queen Anne's Gate, S.W. (Con- siliun Vic. London. Victoria 4948.)
	1905 Apr. 4.	*BARRY, KENNETH ALFRED	2 Queen Anne's Gate, S.W.
	1913 Dec. 9.	WOLFE	
	1858 Feb. 2.	BARTHOLOMEW, WILLIAM HAMOND	Aire and Calder Office, Leeds.
	1895 Jan. 8.	*BARTLETT, EDWARD CECIL ..	{ The Red House, Vale Road, Chisle- hurst.
	1909 Mar. 9.		
	1882 May 23.	BARTLETT, JAMES HERBERT ..	{ American Association, Incorporated, Middlesborough, Kentucky, U.S.
	1893 Nov. 14.		
	1884 Jan. 8.	BARTLETT, THOMAS WALTER	{ H. S. King & Co., Pall Mall, S.W.
	1894 Apr. 3.		
	1883 Feb. 6.	BASSETT, ALEXANDER BARKER	Cheverell, Llandaff.
	1895 Apr. 2.		
	1900 Dec. 4.	BASTOW, ARTHUR HENRY, M.A.,	Trivandrum, Travancore, India.
	1909 Apr. 20.	M.C.E. (Melb.)	
	1892 Mar. 1.	*BATCHEN, THOMAS MACKENZIE	{ Board of Public Works, Custom House, Dublin.
	1902 Dec. 16.		
	1901 Apr. 2.	{ *BATEMAN, FREDERIC WIN- FRIED LA TROBE- }	5 Victoria Street, S.W.
	1911 Feb. 14.	BATES, ONWARD	{ 332 South Michigan Avenue, Chi- cago, U.S.
	1888 Dec. 4.		
	1895 Oct. 22.	BATES, WILLIAM	18 Rose Mount, Oxtou, Birkenhead.
	1899 Dec. 5.		
	1905 Jan. 31.	*BATLEY, CHARLES JOSEPH ..	{ Oldham Waterworks, Piethorn, Rochdale.
	1887 Dec. 6.		
	1906 Jan. 9.	BAXTER, GEORGE	93 Commercial Street, Dundee.
	1893 Dec. 5.		
	1904 Dec. 13.	*BAYER, CHARLES ALBERT ..	{ Hydraulic Engr.'s Office, Adelaide, South Australia.
	1885 Mar. 3.		
	1894 May 8.	BAYLISS, RAWLINSON TENNANT	{ 24 Lombard Street, E.C. (Sorrow- ful, London.)
	1895 May 21.		
	1908 Dec. 1.	*BAYNHAM, ALBAN FRANCIS ..	{ Res. Engr., Lima-Huacho Ry., Ancou, Lima, Peru.
	1913 Jan. 21.		
m m †	1874 Jan. 13.	*BAZALGETTE, EDWARD	{ Cherney, Arthur Road, Wimbledon Park, S.W.
	1879 Apr. 8.		
	1888 Jan. 10.	BEALE, HENRY FITZGERALD ..	Grindlay, Groom & Co., Bombay.
	1908 Apr. 7.		
	1886 May 18.	BEAN, JOHN STENNITT	L. & N.W. Ry., Crewe.
	1912 Jan. 9.		
	1900 Jan. 9.	BEARD, EDWIN THOMAS	Hill House, Walmer.
	1905 Feb. 7.		
t †	1908 Mar. 3.	{ BEARDSHAW, WILLIAM FREDERICK }	Baltic Steel Works, Sheffield.
	1885 May 19.	*BEARE, Professor THOMAS HUDSON, B.A. (Adelaide), B.Sc. (Lond.), F.R.S.E. ..	{ Engineering Laboratory, University, Edinburgh.
	1893 Feb. 7.		
	1899 Mar. 7.	BEATON, ANGUS JOHN	{ Engr-in-Chief's Office, South Afri- can Rys., Johannesburg.
	1912 Mar. 12.		
	1875 Mar. 2.	BEAUMONT, WILLIAM WORBY ..	{ 22 Outer Temple, 222 Strand, W.C. (Vibromotor, London Gernard 4160.)
	1886 Feb. 16.		

	Date of Election and of Transfer.	MEMBERS.	
	1889 Dec. 3.	*BECHER, HARRY, B.A. (<i>Dubl.</i>)	Strathmore, Burnham-on-Crouch.
	1905 Dec. 19.		
	1899 Jan. 10.	BECHER, WILLIAM STEWART,	Tŷ'r Llyn, Ystradfellte, Aberdare.
	1914 Apr. 21.	B.A.I. (<i>Dubl.</i>)	
S t ✱	{ 1889 May 21.	BECKETT, WILLIAM THOMAS	111 Iverna Court, Kensington, W
	{ 1895 Nov. 26.	CLIFFORD	
	1884 May 27.		
	1897 Mar. 15.	BEDSON, JOSEPH PHILLIPS ..	{ 137 Lapwing Lane, Didsbury, Man-
			chester.
m ✱	{ 1899 Dec. 5.	*BEER, WALTER.. .. .	{ 16 Victoria Street, S.W. (Argano,
	{ 1909 Apr. 20.		
	1904 Jan. 12.	BEHR, HANS CHARLES	233 Broadway, New York, U.S.A.
	1893 Dec. 5.	BELL, ARCHIBALD GRAENE,	{ Director of Public Works, Port of
	1901 Feb. 5.	C.M.G.	
			Spain, Trinidad.
t. ✱	{ 1904 Jan. 12.	BELL, ARTHUR LANGTRY,	H.M. Dockyard, Rosyth, N.B.
	{ 1913 Mar. 11.	B.A., B.E. (<i>Belfast</i>)	
	1881 Dec. 6.	*BELL, ARTHUR WILBRAHAM	{ Arney Road, Remuara, Auckland,
	1890 May 20.	DILLON	
			N.Z.
	1895 Dec. 3.	*BELL, ERNEST ALBERT SEY-	{ Mysore State Ry., Construction
	1913 Dec. 9.	MOUR, F.C.H.	
			Dept., Bangalore, India.
	1896 Dec. 1.	BELL, JAMES	{ 22 Wilton Road, Craigmillar Park,
			Edinburgh.
	1889 Jan. 8.		
	1907 Feb. 12.	BELL, JOHN FERGUSON	Gas Company, Friar Gate, Derby.
	1895 Dec. 3.		
	1902 Feb. 11.	BELL, LEONARD MOORE.. ..	Municipal Engineer, Penang, S.S.
	1896 Apr. 14.	*BELL, NORRIS GARRETT.. ..	{ Commonwealth Rys., 84 William
	1903 Mar. 31.		
	1904 Dec. 6.	BELL, THOMAS.. .. .	Street, Melbourne, Australia.
	1882 Dec. 5.		John Brown and Co., Clydebank.
	1894 Jan. 30.	BELL, WILLIAM REID	{ Marine Board of Burnie and Table
			Cape, Burnie, Tasmania.
✱	{ 1892 Dec. 6.	*BELLAMY, CHARLES VINCENT	Leigh Holt, Crapstone, S. Devon.
	{ 1901 Feb. 19.		
	1880 Dec. 7.	*BELLASIS, EDWARD SKELTON	{ c.o. Army and Navy Stores, Victoria
	1897 Nov. 30.		
			Street, S.W.
	1871 Dec. 5.	BENEDICT, ERNEST	{ 51 Elmfield Road, Upper Tooting,
			S.W.
	1893 Jan. 10.		
	1904 Feb. 16.	*BENGOUGH, CYRIL FRANCIS ..	N.E. Ry., York.
	1897 Feb. 2.		
	1907 Dec. 10.	BENNETT, THOMAS	{ Glendair, Doctors Commons Road,
			Berkhamsted, Herts.
	1910 Jan. 11.	{ BENNETT, WILLIAM EXHALL	P.W.D., Lahore, Punjab, India.
		TEMPEST, C.S.I.	
	1905 Dec. 5.	BENSEL, JOHN ANDERSON ..	Bernardsville, New Jersey, U.S.A.
	1889 Dec. 3.	*BENT, BALDWIN HARRY,	
	1899 Jan. 17.	M.A. (<i>Cantab.</i>)	Heysham Harbour, Lancashire.
		{ BENTON, Sir JOHN, K.C.I.E.,	c.o. H. S. King & Co., Pall Mall,
	1893 Jan. 10.	F.C.H. (<i>former Member of</i>	
		<i>Council</i>)	S.W.
	1884 Dec. 2.	{ BERESFORD, JOHN STUART, C.I.E.,	Maythorne, St. Stephen's Road,
		M.E. (<i>Queen's</i>)	
			Ealing, W.
	1896 May 19.		
	1910 Jan. 11.	*BERKELEY, ARTHUR MOWBRAY	{ Ch. Engr., A. B. Ry., Railway
			Buildings P.O., Chittagong, E
	1895 Feb. 5.		Bengal.
	1899 Nov. 28.	BERNAYS, LEWIS ADOLPHUS ..	{ Railway Dept., Maryborough
	1873 Feb. 4.	*BERRELL, WILLIAM	Queensland.
	1887 Feb. 22.		
			Park House, Allington, Bridport.
t m ✱	{ 1897 Dec. 7.	*BERRIDGE, HAROLD.. .. .	Port Engineer, Aden.
	{ 1910 Jan. 11.		
	1885 Dec. 1.	BERRINGTON, RICHARD EVANS	Graiseley, Wolverhampton.
	1902 Dec. 16.	WILLOUGHBY	

Date of Election and of Transfer.	MEMBERS.
1910 Jun. 11.	BERRY, CHARLES SEAGER .. { C. H. Walker & Co., Ltd., Correo
1914 Feb. 10.	.. { Casilla 796, Buenos Aires
1879 Feb. 4.	BERTODANO, CHARLES EDMUND DE { 47 Victoria Street, S.W. (Euripides,
1892 Nov. 22.	.. { London.)
1890 Feb. 4.	BESANT, FREDERICK WILLIAM Maradana, Broadstone, Dorset.
1903 Feb. 10.	
1882 May 2.	*BEST, CHARLES WILLIAM .. County Surveyor, Brecon.
1894 May 22.	
1886 May 18.	*BEST, HARRY ROBERTSON, { 47 Victoria Street, S.W. (Nomiz)
1907 Apr. 9.	.. M.A. (Oxon.) { London. Victoria 836.)
1899 Dec. 5.	BEVIS, R. RATSEY { Hamptoune, Vyner Road, Birken-
	head.
1882 Mar. 7.	BEWLAY, HUBERT Thomas Piggott & Co., Birmingham.
1901 Feb. 19.	
1882 Feb. 7.	BEZZI, Chev. TOMASO GAUDENZIO Ypiranga Works, São Paulo, Brazil.
1910 Dec. 6.	BICALHO, FRANCISCO DE PAULA { Rua Conde de Bomfim 916, Rio de
	Janeiro.
1900 Jan. 9.	BICKERDIKE, ROBERT, Jun., { Summerlea, Quebec, Canada.
1909 Apr. 20.	.. M.A. (McGill) {
1894 May 1.	BICKNELL, ROBERT HENRY .. { Local Government Board, White-
1898 Dec. 20.	.. { hall, S.W.
T t + 1900 Jan. 9.	BIDDER, FREDERICK WILLIAM 13 Victoria Street, S.W.
t + 1903 Apr. 7.	BIDWELL, HARRY SHELFORD .. Local Government Board, S.W.
* { 1887 Dec. 6.	BIGGART, ANDREW STEVENSON { 39 Sherbrooke Avenue, Pollok-
1912 Mar. 12.	.. { shields, Glasgow.
1900 Mar. 6.	BIGGS, ALBERT ASHLEY King, King & Co., Bombay.
1910 Jan. 11.	
+ 1897 Apr. 6.	{ BILES, Professor Sir JOHN } 175 West George Street, Glasgow.
	.. HARVARD {
1897 Feb. 2.	*BINGHAM, PERCY MOORE .. Provincial Engr., Batticaloa, Ceylon.
1904 Dec. 13.	
T St + { 1865 Feb. 7.	BINNIE, Sir ALEXANDER { St. Stephen's House, Victoria Em-
1873 May 20.	.. RICHARDSON (Past-President) { bankment, S.W. (Arbintro, London.
	Victoria 5070.)
1900 Dec. 4.	*BINNIE, ALEXANDER THOMAS, { 77 Ladbrooke Grove, Notting Hill, W.
1913 Jan. 21.	.. B.A. (Cantab.) {
+ { 1892 Dec. 6.	*BINNIE, WILLIAM JAMES EAMES, { St. Stephen's House, Victoria Em-
1900 Dec. 19.	.. B.A. (Cantab.) { bankment, S.W. (Arbintro, London.
	Victoria 5070.)
1903 Apr. 7.	*BINNS, ASA 1 Little Heath, Old Charlton, Kent.
1913 Jan. 21.	
1885 May 19.	BIRKBECK, MORRIS Kalsi, Shortheath, Farulham, Surrey.
1900 Dec. 4.	BISHOP, ALEXANDER Caledonian Railway, Glasgow.
1870 Dec. 6.	BISSET, JAMES Claremont, Cape Town, C.C.
1877 Oct. 30.	
1897 Apr. 6.	BLACK, ROBERT SMITH Avondale, Crieff, Perthshire.
1903 Dec. 22.	
t + 1911 Feb. 7.	BLACKALL, ALFRED THOMAS .. { Surbiton House, Brownlow Road,
	.. { Reading
1888 Jan. 10.	BLACKBURN, ALEXANDER } Hemet, Riverside County, Cal.,
1892 Mar. 8.	BEWICKE { U.S.A.
1893 May 2.	*BLACKER, JOHN RICHARD .. 62 Caeuan Road, Newport, Mon.
1912 Jan. 9.	
* 1909 Jan. 12.	BLACKWELL, FRANCIS OGDEN .. 49 Wall Street, New York.
1904 Mar. 1.	BLACKWELL, KENNET WILLIAM { Montreal Steel Works, Montreal,
	.. { Canada.
1884 Feb. 5.	*BLAIR, WILLIAM NISDET Vestry Hall, St. Pancras Road, N.W.
1897 Feb. 23.	
1897 Feb. 2.	*BLAKE, RUSTAT, B.A. (Cantab.) { The Old Mill House, Cobham,
1910 Mar. 15.	.. { Surrey.
1873 Mar. 4.	BLAKESLEY, THOMAS HOLMES, { 7 Cromwell Crescent, Earl's Court,
1885 Jan. 27.	.. M.A. (Cantab.) { W.

Date of Election and of Transfer.		MEMBERS.	
1895 Dec. 3.		BLIGH, WILLIAM GEORGE ..	44 Dupont Street, Toronto, Canada.
* (1887 Apr. 5.)		* BLOMFIELD, HAROLD ARTHUR	{ Department of Public Works, New-
(1894 Feb. 27.)			castle, New South Wales.
1877 Dec. 4.		BLOXSOM, MARTIN, B.A. (<i>Lond.</i>)	{ 4 Lansdowne Road, Crumpsall,
1901 Feb. 19.			Manchester.
1887 Feb. 1.		* BLUETT, FREDERICK	{ Administracion, F.C.B.A. Pacifico,
1903 Dec. 22.			Calle Florida 783, Buenos Aires.
1886 Jan. 12.		BLUNDELL, HARRY	{ Cheshire Lines, Central Station,
1899 Nov. 28.			Liverpool.
* 1877 Feb. 6.		* BLYTH, BENJAMIN HALL, M.A. (<i>Edin.</i>), F.R.S.E. (<i>Vice-President</i>)	17 Palmerston Place, Edinburgh.
t * (1906 Apr. 3.)		* BLYTH, BENJAMIN HALL, JUN.	135 George Street, Edinburgh.
(1914 Apr. 7.)			
1891 Apr. 7.		BOATH, ROBERT	{ N.B. Ry., 23 Waterloo Place, Edin-
1910 Jan. 11.			burgh.
* (1892 May 24.)		* BODY, JOHN BENJAMIN	16 Airlie Gardens, Kensington, W.
(1901 Dec. 17.)			
1900 Feb. 6.		BOGART, JOHN	141 Broadway, New York, U.S.
1886 Apr. 10.		BOHN, GEORGE	Hengate, Beverley.
1877 Nov. 13.			
* 1887 Feb. 1.		BOLTON, ALEXANDER JOSEPH	{ The Cedars, South Hayes, Wells
1897 Mar. 2.			Road, Bath.
1910 Mar. 15.		* BOOTH, HUBERT CECIL	25 Victoria Street, S.W.
* (1876 May 2.)		BOOTH, ROBERT BELL	{ Lalpuri, Silchester Road, Glenda-
(1878 Dec. 31.)			garey, co. Dublin.
t * (1904 Jan. 12.)		BOOTHBY, BASIL TANFIELD	{ Canton-Hankow Ry., Hupei-Hunan
(1914 Mar. 10.)		BERIDGE	Section, Hankow, China.
1904 Dec. 6.		BOSE, LALIT MOHAN	Kaira, Bombay Presidency, India.
* (1879 Feb. 4.)		BOSWELL, ST. GEORGE JAMES, B.Sc. (<i>McGill</i>)	{ Harbour Works, Quebec, Canada.
(1892 Nov. 1.)			
1890 Dec. 2.		BOUCHER, ARTHUR SACKVILLE	{ Sharpcliffe Hall, Ipstones, Stoke-on-
1895 Oct. 22.			Trent.
* (1874 Feb. 3.)		* BOULNOIS, HENRY PERCY ..	7 Victoria Street, S.W.
(1878 Apr. 16.)			
1886 Jan. 12.		* BOURKE, WALTER LONGLEY ..	Moneycrower, Maidenhead.
1896 May 19.			
t * (1890 Feb. 4.)		* BOURNE, THOMAS JOHNSTONE	{ Pukow-Hsinyangchou Ry., Engr.-in-
(1910 Apr. 12.)			Chief's Office, Wu 1—An Huei,
			China.
1893 Apr. 11.		BOWDEN, HENRY WHITE ..	30 Craven Street, Strand, W.C.
1904 Dec. 13.			
1899 Dec. 5.		BOWEN, ERNEST FRANCIS	{ P.W.D., Barbados, W.I.
1906 Nov. 13.		SINDERBY	
1909 Dec. 7.		BOWEN, HERBERT WILLIAM ..	North Street, Horsham, Sussex.
1914 Apr. 21.			
1889 Dec. 3.		BOWER, THOMAS	Ribble House, West Hartlepool.
1900 Dec. 19.			
1876 Apr. 4.		BOWSTEAD, CHARLES JAMES ..	Hyde Grange, Chalford, Glos.
1881 Feb. 22.			
1896 Apr. 14.		BOX, EDWARD	{ 10 Neville Street, Newcastle-on-
1908 Mar. 10.			Tyne.
1884 Dec. 2.		* BOYNTON, FRANCIS, Colonel R.E.	{ London District Office, Horse Guards,
1893 May 16.			Whitenall, S.W.
1893 Feb. 7.		* BRADFIELD, JOHN JOB CREW, M.E. (<i>Sydney</i>)	{ P.W.D., Sydney, N.S.W.
1911 Jan. 10.			
1893 Feb. 7.		* BRADLEY, ARTHUR WALTER ..	{ Borough Engr. & Surveyor, St.
1912 Jan. 9.			Helens.
1912 Apr. 23.		BRADLEY, GODFREY THOMAS ..	Irrigation Dept., Ceylon.
U t * (1883 May 29.)		BRADY, ALFRED BARTON ..	{ Under Secretary, D.P.W., Brisbane,
(1895 Jan. 29.)			Queensland.

Date of Election
and of Transfer.

MEMBERS.

	1868 May 5.	BRADY, FRANCIS	12 St. Edmund's Terrace, N.W.
	1891 May 5.	BRAIN, Sir FRANCIS WILLIAM	Trafalgar House, Drybrook, Glou-
	1913 Feb. 11.	THOMAS	cestershire.
TtMm	1883 May 28.	*BUEBNER, ALAN, B.Sc. (<i>Edin.</i>)	212 Lancaster Road, Notting Hill,
	1899 Nov. 28.		W.
	1908 Mar. 3.	BREITHAAPT, WILLIAM HENRY	Berlin, Ontario, Canada.
+	1898 Dec. 6.	BREMNER, CHARLES EDWARD	Waimate, South Canterbury, N.Z.
	1905 Dec. 19.		
	1874 May 5.	BRENAN, GEORGE WOUFFE ..	{ Albany Street Chambers, Oban,
	1899 Jan. 10.		{ N.B.
			{ Grindlay & Co., Parliament Street,
			{ S.W.
	1891 Dec. 1.	BRERETON, ALFRED, C.S.I. ..	
	1878 Mar. 5.	BRETLAND, JOSIAH CORBETT ..	Bramcote, Craigavad, co. Down.
	1885 Feb. 3.		
	1880 Dec. 7.	BRETtingham-MOORE, GEORGE	
	1884 Mar. 4.	EDWARD	Hobart, Tasmania.
	1901 Feb. 5.	BRIAN, SANTIAGO	{ 31 Avenida Republica, Buenos
			{ Aires.
	1881 Mar. 1.	*BRIGGS, JAMES	Midland Railway, Derby.
	1891 Apr. 21.		
	1881 Dec. 6.	BRIGGS, JOHN HENRY	Howden, East Yorks.
	1893 Nov. 7.		
+	1889 Mar. 5.	*BRIGHT, CHARLES, F.R.S.E. ..	{ Members Mansions, Victoria Street,
	1911 Mar. 14.		{ S.W.
SWt m	1889 Dec. 3.	*BRIGHTMORE, ARTHUR WILLIAM,	Egham Hill, Egham, Surrey.
	1896 Nov. 24.	D.Sc. (<i>Victoria</i>)	
	1874 Mar. 3.	BRIND, ALFRED WALTER ..	{ 62 St. Augustine's Avenue, South
			{ Croydon.
	1897 Mar. 2.		{ Griffiths & Co., Contractors, Ltd., 3
	1913 Dec. 9.	BRISTED, RICHARD BOWER ..	{ Central Buildings, Westminster,
			{ S.W.
	1892 Dec. 6.	BRITAIN, SAMUEL GEORGE ..	H. E. Russell, Creebank, Kiriibilli
	1909 Feb. 9.		Point, Sydney, N.S.W.
	1905 Apr. 4.	BROADBERRY, ARTHUR EDWARD	Elmlea, Willoughby Lane, Totten-
	1914 Apr. 21.		ham, N.
	1890 Jan. 14.	{ BRODIE, JOHN ALEXANDER	
	1897 Dec. 7.	{ M.Eng. (<i>Liverpool</i>) (<i>Member</i>	City Engineer, Liverpool.
		{ of Council)	
	1895 Dec. 3.	*BRODIE, JOHN BOYD	141 West George Street, Glasgow.
	1913 Jan. 21.		
	1886 Dec. 7.	*BRODIE, JOHN SHANKS	Town Hall, Blackpool.
	1906 Dec. 4.		
	1886 Dec. 7.	*BRODIE, ROBERT	19 Clare Street, Bristol.
	1902 Mar. 4.		
	1899 Dec. 5.	BRODIE, WILLIAM	Dock Office, Liverpool.
	1914 Apr. 21.		
	1893 Dec. 5.	BROE, VICTOR EDGAR DE	
	1896 Nov. 24.	BIRCHIN DE	83 Argyle Road, West Ealing, W.
	1883 Jan. 9.	*BROOKHOUSE, ROBERT HAROLD	Holmwood, Kingston Hill, Surrey.
	1889 Nov. 15.		
	1891 Dec. 1.	*BROOKS, ALBERT	{ Sir John Jackson (Canada), Ltd.,
	1914 Jan. 13.		{ 604 Royal Trust Building,
			{ Montreal.
	1877 Dec. 4.	BROOM, GEORGE JAMES COTTON	Greenbank, Rainhill.
	1892 Nov. 15.		
+	1899 Apr. 11.	BROOME, GEORGE HERBERT ..	Wonthaggi, Victoria.
	1911 Jan. 10.		
	1876 Jan. 11.	*BROUNGER, RICHARD ERNEST ..	88 Bishopsgate Street, E.C.
	1885 May 12.		
	1881 May 31.	BROWN, ARTHUR	Guildhall, Nottingham.
	1885 Nov. 10.		
	1886 Feb. 2.	BROWN, ARTHUR EDWARD ..	Balhouses, East Cowes, I.W.
	1893 Dec. 5.		

Date of Election and of Transfer.	MEMBERS.	
1900 Apr. 3.	BROWN, CHARLES JOHN	{ Engr.'s Office, G.N. Ry., King's Cross, N.
1905 Dec. 19.		
1894 Feb. 6.	*BROWN, CHARLES SIDNEY VESEY	Melburn House, Newcastle-on-Tyne.
1902 Jan. 28.		
1882 Dec. 5.	*BROWN, GEORGE CECIL	9 Ennerdale Road, Kew Gardens, S.W.
1894 Jan. 16.		
1895 May 21.	BROWN, HAROLD HENRY LANE	Lucknow, U.P., India.
1904 Jan. 19.		
1900 Apr. 3.	BROWN, JAMES	{ C. H. Walker & Co., Ltd., Calle Andes 172, Buenos Aires.
1905 Dec. 19.		
1879 Dec. 2.	*BROWN, JAMES SAMUEL	28 Gordon Square, W.C.
1890 May 20.		
1889 Dec. 3.	BROWN, JOSEPH WILLIAM ..	Northbrook Grange, Easingwold.
1903 Jan. 20.		
1892 Feb. 2.	*BROWN, PETER BOSWELL ..	{ Lindrick, High View Road, Sidcup, Kent.
1905 Jan. 10.		
1897 Mar. 2.	BROWN, REGINALD	21 Old Queen Street, Westminster, S.W.
1913 Jan. 21.		
T + 1904 Feb. 2.	{ BROWN, Sir ROBERT HANBURY, K.C.M.G., Major R.E. ret. }	Newlands, Crawley Down, Sussex.
1901 Apr. 23.	BROWN, WESTGARTH FORSTER	Guildhall Chambers, Cardiff.
1908 Mar. 3.	BROWN, WILLIAM	{ 7 Whittinghame Gardens, Kelvin- side, Glasgow.
1897 Dec. 7.	*BROWN, WILLIAM, B.Sc.(Edin.)	Irrigation Dept., Trincomalee, Ceylon.
1913 Jan. 21.		
1864 Dec. 6.	BROWNE, Sir BENJAMIN CHAP- MAN, D.C.L. (Durham) ..	Hawthorn's Engine Works, New- castle-on-Tyne.
1871 Mar. 7.		
1902 Jan. 14.	*BROWNE, WILLIAM LYON ..	{ 1389 Greene Avenue, Westmount, Quebec, Canada.
1910 Apr. 26.		
1893 Dec. 5.	BROWNING, GEORGE ELLIOT ..	{ Chief Engineer, Cochin Govern- ment, Trichur, S. India.
1903 Dec. 22.		
1887 Jan. 11.	*BROWNIDGE, CHARLES	Town Hall, Birkenhead.
1905 Feb. 28.		
1896 Feb. 4.	BROXUP, CHARLES THOMAS ..	{ Cadogan House, Green Bank, Fal- mouth.
1904 Feb. 23.		
t + { 1882 Dec. 5.	BRUCE, ALEXANDER FAIRLIE	27 Boileau Road, Ealing, W.
{ 1894 Feb. 27.		
1892 Dec. 6.	BRUCE, JOHN	Hill Crest, Whitby.
1886 Apr. 6.	*BRUNDELL, HENRY AUGUSTUS	1 Prince's Street, Doncaster.
1899 Nov. 28.		
1885 May 19.	*BRUNLEES, HOWARD	c.o. 28 Addison Road, W.
1899 Dec. 12.		
1875 Dec. 7.	*BRUNLEES, JOHN	
1878 May 14.		
t + 1884 May 27.	BRUNTON, DAVID WILLIAM ..	{ 865 Grant Avenue, Denver, Colorado, U.S.
+ { 1884 Jan. 8.	*BRUNTON, JAMES FORREST ..	7 Roman Road, Bedford Park, W.
{ 1901 Dec. 11.		
1889 Feb. 5.	*BRUNTON, SYDNEY LINTON ..	Castle Works, Hadley, Salop.
1908 Feb. 11.		
1904 Dec. 6.	BRYAN, BERNARD WILLIAM ..	{ Woodside, Nelves Park, Horn- church, Essex.
1912 Apr. 2.		
+ { 1875 Mar. 2.	BRYAN, WILLIAM BOOTH ..	Elmstead Wood, Chislehurst.
{ 1879 Mar. 4.		
1900 Dec. 4.	BRYANS, JOHN GEORGE	{ F.C. Pacifico, Calle Florida, Buenos Aires.
1913 Jan. 21.		
1891 May 12.	*BRYANT, ERNEST WALROND ..	Baroda, India.
1901 Jan. 15.		
1900 Feb. 6.	BRYCE, JOHN	{ Burgh Surveyor's Office, Partick, Glasgow.
1909 Apr. 6.		
1914 Jan. 13.	{ BRYDONE-JACK, ERNEST ED- MUND	University of Manitoba, Winnipeg, Canada.

Date of Election and of Transfer.	MEMBERS.	
1878 Feb. 5.	BUCHANAN, ALEXANDER ..	8 Wilson Street, Derby.
† { 1891 Feb. 3. } *BUCHANAN, GEORGE CUNNING-	Chairman, Port Trust, Rangoon,	
† { 1899 Dec. 12. } HAM, C.I.E.	Burma.	
1871 Apr. 4.	BUCKHAM, EDWARD	Town Hall, Ipswich.
1887 Jan. 25.		
1895 Dec. 3.	BUCKLEY, JOSEPH WILLIAM ..	Gasworks, Hornsey, N.
1911 Jan. 10.		
† { 1873 Dec. 2. } BUCKLEY, ROBERT BURTON,	44 Clauricarde Gardens, Bayswater,	
† { 1880 Nov. 2. } C.S.I.	W.	
1906 Dec. 4.	BUCKWELL, GEORGE WILLIAM	{ Board of Trade Surveyor's Office, 73 Robertson Street, Glasgow.
1879 Apr. 1.	BUDGE, ENRIQUE	
1914 Apr. 7.	BULLOUGH, CHARLES OSWALD.	{ 548 Eccles New Road, Pendleton, Manchester.
† { 1890 Feb. 4. } BULMER, GEORGE HARLEY ..	Alquife, Guadix, Spain.	
† { 1908 Jan. 14. }		
1883 Dec. 4.	*BUNNING, CHARLES ZIETHEN	{ c.o. British Vice-Consul, Panderma, nr. Constantinople.
1909 Apr. 6.		{ c.o. A. Dickson, Bombay Gas Co., Ltd., Moorgate Station Chambers, Moorfields, E.C.
1914 Jan. 13.	*BURCH, ANTHUR RODNEY ..	{ 55 Wentworth Road, Harborne, Bir- mingham.
1886 Apr. 6.	BURCH, WILLIAM	{ The Thrid, Hutton Mount, Shen- field, Essex.
1894 Nov. 27.		
T t † { 1866 Mar. 6. } BURGE, CHARLES ORMSBY ..	Boro' Engineer, Middlesbrough.	
† { 1878 Apr. 9. }		
1888 Dec. 4.	*BURGESS, SAMUEL EDWIN ..	
1899 Apr. 18.		
1872 Dec. 3.	BURKE, GEORGE JOHN	37 Brighton Rd., St. Kilda, Victoria.
1883 Mar. 20.		
1911 Mar. 7.	{ BURKE, HUBERT FRANCIS	{ Asst. Chief Engr., Argentine Ry. Co., Reconquista, Sarmiento, Buenos Aires.
	{ DAUBENY	
† { 1898 Mar. 1. } BURLS, GEORGE ARTHUR ..	Margaret's, Manuden, Stansted, Essex.	
† { 1904 Dec. 13. }		
1893 Dec. 5.	*BURN, GEORGE FRANK	{ Queen Anne's Chambers, West- minster, S.W.
1902 Apr. 8.		
1903 Mar. 3.	BURNET, FARIE	Narina, Nelson Road, Sheringham.
1886 Dec. 7.	BURNETT, JAMES	Ry. Dept., Wellington, N.Z.
1896 Feb. 25.		
1866 Feb. 6.	BURNETT, ROBERT HARVEY ..	{ Beyer, Peacock & Co., 14 Victoria Street, S.W.
1871 May 2.		
W † 1893 Dec. 5.	{ BURR, Professor WILLIAM	Columbia University, New York
	{ HUBERT	U.S.A.
† 1902 Dec. 2.	BURROWS, THOMAS EDWARD ..	{ P.W.D., Sydney, New South Wales.
† { 1876 May 2. } *BURSTAL, EDWARD KYNASTON	{ St. Stephen's Club, Westminster, S.W.	
† { 1881 Jan. 11. }		
† { 1888 Dec. 4. } *BURSTALL, HENRY ROBERT	14 Old Queen St., Westminster, S.W.	
† { 1897 Mar. 2. } JOHN		
1885 May 19.	BURT, ARTHUR HAZELDINE ..	{ Joseph Timms, National Mutual Buildings, Adelaide, S. Australia.
1904 Dec. 13.		
1887 Apr. 5.	*BURY, OLIVER ROBERT HAWKE	Roe Hill, Hatfield, Herts.
1894 Feb. 27.		
1894 Dec. 4.	BUSH, ROBERT, B.A. (Oxon.) ..	High Wray Bank, Ambleside.
1903 Jan. 20.		
1898 Dec. 6.	BUSH, THOMAS JAMES	Australian Gas Co., Sydney, N.S.W.
1902 Apr. 8.	BUSH, WALTER ERNEST	City Engineer, Auckland, N.Z.
1913 Jan. 21.		
† { 1885 Apr. 14. } BUTLER, MATTHEW JOSEPH.	631 Belmont Avenue, Westmount, P.Q., Canada.	
† { 1893 Nov. 7. } C.M.G.		
1875 Dec. 7.	BUTLER, WALTER	Hatfield Peverel, Essex.
1874 May 5.	BUTLER, WILLIAM FREDERIC ..	Cecil, Augusta Street, Llandudno.
1904 Feb. 2.		

	Date of Election and of Transfer.	MEMBERS.	
	1888 Dec. 4. 1898 Nov. 29.	{ BUTLER, <i>Professor</i> WILLIAM ROBERT, M.E. (<i>King's Coll.</i> , <i>Nova Scotia</i>)	Royal Military College, Kingston, Ontario, Canada.
m ✦	1881 Apr. 5. 1906 Apr. 3. 1910 Apr. 26.	BUTTER, HENRY JOSEPH .. BUTTERFIELD, ARTHUR ERNEST	Bethlem Royal Hospital, S.E. Scarcroft, Holderness Road, Hull.
	1907 Dec. 3. 1914 Apr. 21.	{ BYRNE, HAROLD EDWARD, B.A.I. (<i>Dubl.</i>)}	Johore Bharu, Johore, <i>via</i> Singa- pore, S.S.
	1911 Dec. 5.	CADMAN, JOHN, D.Sc. (<i>Durham</i>)	{ 61 Wellington Road, Edgbaston, Birmingham.
	1882 May 2. 1906 Apr. 24.	*CAFFIN, FRANCIS CRAWFORD ..	Western House, Marlow, Bucks.
	1900 Apr. 3.	CAIRD, ROBERT, LL.D. (<i>Glas.</i>)	Greenock, N.B.
	1891 Apr. 7. 1908 Apr. 14.	*CAIRNES, FREDERICK EVELYN	Killester House, Raheny, co. Dublin.
	1913 Jan. 14.	CALCUTT, FRANCIS MACNAMARA	Railway Department, Melbourne.
	1902 Dec. 2. 1913 Jan. 21.	CALDER, WILLIAM	City Engineer, Prahran, Victoria.
✦	{ 1892 Dec. 6. 1900 Dec. 18.}	CALLAWAY, HUGH	{ J. I. Thornycroft & Co., Woolston Southampton.
	1900 Dec. 4.	CALTHROP, EVERARD RICHARD	{ Eldon Street House, Eldon Street, E.C. (Raillerais, London. Avenue 4360.)
	1887 Dec. 6. 1904 Mar. 15.	*CAMPBELL, ADAM HORSBURGH ..	1 Parliament Square, Edinburgh.
	1899 Apr. 11. 1912 Apr. 2.	*CAMPBELL, CHARLES ORR ..	Egyptian State Railways, Cairo.
	1887 Apr. 5. 1900 Jan. 23.	{ CAMPBELL, KENNETH FIND- LATER}	Borough Engineer, Huddersfield.
	1894 May 22. 1906 Jan. 9.	*CAMPION, FREDERICK ARTHUR	{ Engr.'s Office, Amiens Street Ter- minus, Dublin.
	1872 Dec. 3. 1885 Feb. 24.	*CAMPION, JOHN MONTRIOU ..	51 Madeley Road, Ealing, W.
	1911 Feb. 7.	{ CANDOLLE, RAYMOND DE, B.A. (<i>Cantab.</i>)}	{ F.C. del Sud, Plaza Constitucion, Buenos Aires.
	1914 Jan. 13.	CANNELL, RAMSEY	{ Punjab Irrigation Secretariat, Lahore, India.
m ✦	{ 1890 Jan. 14. 1898 Nov. 29.}	*CAPPER, <i>Professor</i> DAVID SING, M.A. (<i>Edin.</i>)	King's College, Strand, W.C. (Victoria 5255.)
	1885 Dec. 1. 1907 Apr. 9.	*CAPRON, ATHOL JOHN	Westlowe, Hathersage, Sheffield.
	1886 Feb. 2. 1896 Mar. 31.	CARDEW, CORNELIUS EDWARD	Wadebridge, Cornwall.
✦	{ 1890 Jan. 14. 1908 Mar. 10.}	CARDEW, JOHN HAYDON ..	75 Pitt Street, Sydney, N.S.W. (436).
	1896 Mar. 3. 1913 Jan. 21.	*CAREW - GIBSON, HARRY FREDERICK	{ c.o. T. A. Carew-Gibson, The Manor House, Marylebone Road, N.W.
t ✦	{ 1877 Dec. 4. 1884 Dec. 23.}	*CARBY, ALFRED EDWARD ..	{ 36 Victoria Street, S.W. (Foreshore, Vic. London. Victoria 819.)
	1913 Jan. 14.	CARLYLE, WILLIAM ARTHUR ..	1 The Grange, Wimbledon, S.W.
m ✦	{ 1893 Dec. 5. 1906 Mar. 27.}	*CARNEGIE, DAVID	33/35 Charterhouse Square, E.C.
t ✦	{ 1903 Apr. 7. 1913 Jan. 21.}	CARNEGIE, FRANCIS	{ Royal Small Arms Factory, Enfield Lock.
	1913 Jan. 14.	CARNT, EDWIN CHARLES ..	Westwood, Wootton, Isle of Wight.
	1883 Dec. 4. 1888 Feb. 14.	CAROLIN, EDWARD RICHARD ..	{ 31 Upper Bedford Place, Russell Square, W.C.
✦	{ 1886 Apr. 6. 1896 Mar. 17.}	CARPENTER, CHARLES CLAUDE, D.Sc. (<i>Leeds</i>)	{ South Metropolitan Gasworks, 709A Old Kent Road, S.E.

Date of Election and of Transfer.	MEMBERS.	
1892 Jan. 12.	CARR, ISAAC	Gas and Waterworks, Widnes.
1898 Dec. 20.		
1891 Apr. 7.		{ Broad Street House, New Broad Street, E.C.
1901 Apr. 23.	*CARR, ROBERT ALFRED	
t * { 1875 Dec. 7.	CARRINGTON, WILLIAM THOMAS	{ 8 Flat, Chelsea Court, S.W.
1881 Nov. 29.		
1869 May 11.	CARROLL, EDWARD BROTHERTON	Huntington, Ottershaw, Surrey.
1877 Jan. 23.		
* { 1866 Jan. 9.	CARRUTHERS, JOHN	13 Victoria Street, S.W.
1871 May 16.		
1896 Dec. 1.	CARSON, HOWARD ADAMS ..	Malden, nr. Boston, Mass., U.S.
t * { 1876 Dec. 5.	CARSON, WILLIAM	Bryn Estyn, Chester.
1894 Dec. 4.		
1906 Dec. 4.	*CARTER, GEORGE FEARNLEY ..	Boro' Engr., Town Hall, Croydon.
1876 Feb. 1.	CARTER, WILLIAM ALLAN, {	51 Queen Street, Edinburgh. (Com- pass, Edinburgh. 1594.)
1887 Jan. 25.		
1878 Feb. 5.	CARTWRIGHT, GEORGE	Great Central Ry., Grimsby Docks.
1884 Mar. 18.		
1875 Dec. 7.	CARTWRIGHT, JOSHUA	21 Parson's Lane, Bury, Lanes.
1885 Jan. 20.		
m * { 1884 Feb. 5.	*CASE, ALBERT HAVELOCK ..	{ Broad Sanctuary Chambers, West- minster, S.W.
1893 Dec. 5.		
* { 1872 Apr. 9.	*CASH, JOSEPH	Gas Co., Hove, Brighton.
1891 Apr. 7.		
1891 Jan. 13.	*CASHMAN, WILLIAM ALOYSIUS, {	New Works Engineer's Office, G.W. Ry., Paddington, W.
1907 Dec. 10.		
1879 Mar. 4.	CAULFIELD, FRANCIS JOHN	Clermont, Kingston, Nova Scotia.
1887 May 24.	ROTHE TOBY ST. GEORGE, I.S.O.	Port of London Authority (River Dept.), Victoria Embankment, E.C.
1902 Jun. 14.	{ CAVENDISH, WILLIAM HASTINGS, { B.Sc. (Victoria)	
* { 1864 Mar. 1.	CAY, WILLIAM DYCE, F.R.S.E.	39 Victoria Street, S.W.
1872 Apr. 16.		
1878 May 7.	CHADWICK, GEORGE BURTON ..	{ London and County Bank, Brighton.
1884 Nov. 4.		
* { 1879 Dec. 2.	CHAMIER, GEORGE	{ c.o. Frederick Millar, 25 Victoria Street, S.W.
1884 Jan. 22.		
t * { 1891 Jun. 13.	CHAMPION, HENRY VINE, {	87 Queen Street, Melbourne, Vic- toria.
1904 Dec. 13.		
1875 Mar. 2.	CHAPMAN, ALFRED	{ Fawcett, Preston & Co., 17 York Street, Liverpool.
1878 Jan. 15.		
1876 Mar. 7.	CHAPMAN, JAMES LAWRENCE ..	{ Collingwood, Royston Park, Hatch End, Middlesex.
1914 Apr. 7.		
1894 Dec. 4.	*CHAPMAN, SAMUEL CHRIS-	Water Engineer, Torquay.
1910 Mar. 15.	TOPHER	
1886 Apr. 6.	*CHARNOCK, Professor GEORGE	Technical College, Bradford.
1911 Jan. 10.	FREDERICK	
1892 Mar. 1.	*CHARTERS, ROBERT HEARN ..	Box 1383, Johannesburg.
1903 Dec. 22.	CHASE, LLOYD HEBER	39 High Street, Bedford.
1894 Jan. 9.		
* { 1885 Feb. 3.	*CHATHAM, WILLIAM, C.M.G.	{ Director of Public Works, Hong Kong [via Siberia].
1897 Nov. 30.		
1883 Feb. 6.	{ CHATTERJEE, Rai Bahadur KHETTER NAUTH	Gustin, via Baraset, Calcutta.
1899 Apr. 11.	*CHEEKE, WILLIAM ALEXANDER	{ Lincoln Chambers, Lincoln Place, Dublin.
1913 Jan. 21.		
* { 1887 Jan. 11.	CHILDE, HENRY SLADE	Wakefield. (Childe, Wakefield, 3.)
1896 Dec. 15.		
1880 May 25.	CHORLTON, JOHN SAMUEL ..	Ribblesdale Court, Chatburn, Clitheroe.
1896 May 19.	CHUBB, THOMAS LYON	{ St. Stephen's Club, Westminster, S.W.
1875 Feb. 2.	CHURCH, RICHARD FREDERICK	East Down, Eaton Rise, Ealing, W.
1912 Dec. 3.	CHURCHILL, CHARLES SAMUEL	Roanoke, Virginia, U.S.A.

	Date of Election and of Transfer.	MEMBERS.
	1878 Jan. 15.	*CHURCHWARD, GEORGE DUNDAS
	1897 Apr. 6.	
	1897 Feb. 2.	
	1903 Dec. 22.	
	1898 Dec. 6.	CLARK, CHARLES COSBY STEWART {Thos. Cook & Son, Rangoon, Burma.
	1895 Dec. 3.	CLARK, EDWIN KITSON, } Airedale Foundry, Leeds.
	1897 Dec. 7.	M.A. (<i>Cantab.</i>) }
	1897 Jan. 12.	CLARK, GEORGE MUIRHEAD, } 410 Consolidated Building, Johan-
	1908 Feb. 11.	M.A. (<i>Cantab.</i>) }
S ✚	1904 Jan. 12.	CLARK, LYONEL EDWIN } 11 Victoria Street, S.W.
	1891 May 5.	CLARK, WILLIAM FREDERICK
	1909 Jan. 12.	
	1901 Dec. 3.	
	1913 Mar. 11.	
	1890 Mar. 4.	*CLARKE, GEORGE JAMES } Whitehall, Aberdour, Fifeshire.
	1892 Nov. 22.	
	1888 Apr. 10.	*CLARKE, JOSEPH PERCIVAL } River Plate House, Finsbury Circus, E.C.
	1896 Feb. 25.	
	1866 May 15.	CLARKE, WILLIAM } 39 Old Queen Street, Westminster, S.W.
	1888 Dec. 4.	CLARKE, WILLIAM JOHN } Director of Works Dept., Admir- alty, S.W.
	1901 Dec. 11.	
W	1890 Dec. 2.	*CLARKSON, THOMAS } Woodlands, Galleywood, Essex.
	1913 Mar. 11.	
	1895 Dec. 3.	*CLAYTON, RICHARD HAWORTH {Cranbrook, Sedgley Park, Prest- wich, Lanes.
	1909 Jan. 12.	
	1884 Jan. 8.	CLAYTON, THOMAS GETHING } Western Grange, Branksome Wood Road, Bournemouth.
	1914 Jan. 13.	CLEAR, ALFRED CHARLES } Shanghai-Nanking Ry., Shanghai, China.
✚	1910 Apr. 5.	CLEAVER, WILLIAM } Port Talbot Railway and Docks Co., Port Talbot.
	1892 May 3.	CLEGHORN, ALEXANDER } 14 Hatfield Drive, Kelvinside, Glasgow. [U.S.]
	1903 Apr. 7.	
	1887 Dec. 6.	CLEMENT, LEWIS METZLER } Haywards, Alameda County, Cal.,
	1914 Jan. 13.	CLEMENTS, FRANCIS WILLIAM } 19 Queen Street, Melbourne, Victoria.
✚	1884 Apr. 1.	CLEMES, JOHN HENRY } Cheriton, Mount Wise, Newquay, Cornwall.
	1902 Dec. 16.	
TWIF ✚	1889 Jan. 8.	CLERK, DUGALD. } 57 & 58 Lincoln's Inn Fields, W.C.
	1899 Dec. 12.	D.Sc. (<i>Manchester</i>), F.R.S., } (Periscope, London. Holborn, (<i>Member of Council</i>) } 1518.)
✚	1888 Dec. 4.	*CLIFTON, COURTENAY THORNTON {Engineering Dept., Local Govern- ment Board, S.W.
	1900 Apr. 10.	
	1893 Dec. 5.	*CLIREHUGH, STAMFORD VAIR } 27 Salisbury Road, Hove.
	1901 Feb. 19.	
	1877 Dec. 4.	CLOUGH, CHARLES FREDERIC } 4 Leyland Road, Lee, S.E.
	1898 Nov. 29.	
	1877 Jan. 16.	*COBLEY, WALTER HENRY, I.S.O. {c.o. High Commissioner for the Union of South Africa, 32 Victo- ria Street, S.W.
	1890 May 6.	
✚	1890 Feb. 4.	COCKRILL, JOHN WILLIAM } Boro' Engineer, Great Yarmouth.
	1899 Feb. 14.	
	1866 Feb. 6.	CODRINGTON, THOMAS } 8 Riverdale Rd., Twickenham Park.
	1872 Jan. 23.	
	1891 Feb. 3.	COE, DAVID } Hengoed, Cardiff.
	1903 Dec. 22.	
t ✚	1899 Feb. 7.	COKER, Professor ERNEST } Technical College, Finsbury, E.C.
	1914 Jan. 13.	GEORGE. M.A. (<i>Cantab.</i>). } D.Sc. (<i>Edin.</i>) }
	1889 May 3.	COLAM, WILLIAM NEWBY } 27 Rutland Square, Edinburgh. (Colam, Edinburgh 1285.)
	1892 Jan. 26.	

Date of Election and of Transfer.		MEMBERS.	
✦	1904 Jan. 12.	COLE, HENRY AYLWIN BEVAN	50 Lime Street, E.C.
t ✦	{1890 Dec. 2. 1904 Dec. 13.}	*COLE, WILLIAM BARTHOLOMEW	5 Queen's Road, Brixham, S. Devon.
✦	{1892 Jan. 12. 1895 May 14.}	*COLE, WILLIAM HENRY	{Trefusis, Summerdown Road, East- bourne.
	1886 Mar. 2.	COLLARD, ROBERT	Orchard Leigh, St. John's, Ipswich.
	1899 Dec. 5.	COLLEDGE, FRANCIS STEEL ..	109 Bath Street, Glasgow.
	1894 Mar. 6.	COLLEN, WILLIAM, M.A., }	County Surveyor, 11 Rutland
	1898 Nov. 29.	B.A.I. (Dubl.)	Square, Dublin.
	1898 Mar. 1.	COLLET, HAROLD VAN BRIENAN	{e.o. Brown, Shipley & Co., Founder's Court, Lothbury, E.C.
	1880 Dec. 7.	*COLLINGWOOD, WILLIAM ..	{Vulcan Foundry, Newton-le- Willows, Lancs.
	1887 Dec. 6.	COLLINS, ARTHUR ELLISTON ..	City Engineer, Norwich.
	1899 Feb. 28.	COLLINS, FREDERICK REILY ..	Thos. Cook & Son, Rangoon, Burma.
✓	1910 Jan. 11.	*COLLINS, FREDERICK REILY ..	{Jardine, Matheson & Co., Ltd., Han- kow, China [via Siberia].
	1899 Mar. 7.	*COLLINSON, ALFRED HOWE ..	{Royal Societies Club, St. James's Street, S.W.
t ✦	{1871 Feb. 7. 1884 Mar. 11.}	COLSON, CHARLES, C.B.	Admiralty Harbour, Dover.
✦	{1890 Feb. 4. 1901 Feb. 12.}	*COLSON, CHARLES HENRY ..	Admiralty Harbour, Dover.
	1893 Dec. 5.	*COLVIN-SMITH, HARRY COLVIN	{Res. Engr., Chilian Eastern Central Ry., Lebu, Chile.
	1904 Apr. 19.		{Cromwell Lodge, West Street, Ryde, I.W.
W t ✦	{1877 Mar. 27. 1883 May 29.}	COLYER, FREDERICK	9 Queen Street Place, E.C. (Ade- laide, London. City 7553.)
	1895 Oct. 22.	COMMANS, ROBERT EDDEN ..	Midland & S.W. Junction Railway, Gloucester.
	1884 May 6.	CONNAL, EBEN	C. H. Walker & Co. Ltd., 15 Great George Street, S.W.
	1891 Mar. 24.	CONNERY, DANIEL,	9 Cloak Lane, Cannon Street, E.C.
	1891 Dec. 1.	M.E. (Queen's)	British Columbia Electric Ry. Co., Ltd., Vancouver, B.C.
	1898 Dec. 6.	CONNETT, ALBERT NEUMANN ..	9 Victoria Street, S.W.
T ✦	1902 Mar. 4.	*CONWAY, GEORGE ROBERT GRAHAM	9 Victoria Street, S.W.
	1902 Dec. 2.	*COODE, ARTHUR TREVENEN.	9 Victoria Street, S.W.
	1912 Mar. 12.	B.A. (Cantab.)	Trevenen, Harpsden, Henley-on- Thames.
	1870 Dec. 6.	*COODE, JOHN CHARLES	Broadway Court, Westminster, S.W.
	1883 Mar. 13.	COOK, DAVID	Hunterville, New Zealand.
✦	{1889 Feb. 5. 1895 May 14.}	COOK, WALTER EDMUND	{Water and Sewerage Dept., Pitt St., Sydney, N.S.W. [lands, Kent.
	1911 Apr. 11.	COOK, WILLIAM WILSON ..	Oakhurst, Kingswood Road, Short- L. & N.W. Ry., Crewe.
✦	1905 Dec. 5.	COOKE, CHARLES JOHN BOWEN	{Divl. Engr.'s Office, G.W. Ry., Gloucester.
	1895 Dec. 3.	*COOKSON, ALFRED CHORLEY ..	
	1907 Feb. 12.	COOM, JOHN	Fairbourne, Merioneth.
	1893 Jan. 10.	*COOMBS, CHARLES JOHN	{Metropolitan Dist. Ry. Engr.'s Office, St. James's Park Station, S.W.
	1884 May 27.	PLUMBE, B.A. (Lond.) ..	Norfolk House, Norfolk Street, Strand, W.C.
	1901 Feb. 19.	COOPER, ARTHUR REGINALD ..	11 Queen Victoria Street, E.C.
	1906 Apr. 3.	COOPER, ARTHUR THOMAS ..	Council Offices, Wimbledon.
	1912 Jan. 9.	*COOPER, CHARLES HAMLET ..	Beaumont Lodge, Woodlands, Paignton, S. Devon.
✦	{1880 May 25. 1899 Mar. 28.}	*COOPER, FRANCIS ALFRED,	Everdene, Bourne End-on-Thames.
	1885 Dec. 1.	C.M.G.	Rivadavia 329, Buenos Aires.
	1894 Mar. 13.	COOPER, FREDERICK EASTMENT	
	1885 Feb. 3.	COOPER, LEONARD	
	1894 May 1.		
	1913 Dec. 9.		

	Date of Election and of Transfer.	MEMBERS.	
	1895 Dec. 3.	COOPER, RICHARD EDWARD	Engr.'s Office, L. & N.W. Ry.,
	1903 Apr. 21.	SYNGE	Euston Station, N.W.
+	{1870 May 3.	{COOPER, ROBERT ELLIOTT-	
	{1876 Jan. 11.	{(Past-President, Member of Council)	15 Dean's Yard, Westminster, S.W
	1896 May 5.	COOPER, THOMAS,	
	1913 Apr. 22.	M.A. (Contab.)	Spring Valley, St. Albans.
	1886 May 18.	COOPER, VIVIAN BOLTON	22 Buckingham Gate, S.W. (Meg
	1914 Apr. 21.	DOUGLAS	ohm, London.)
	1892 Mar. 1.	COOPER, WILLIAM	Irrigation Dept., Pretoria, Transvaal
	1905 Mar. 14.		
	1902 Dec. 2.	COPLAND, CHARLES AUGUSTUS	{17 North Terrace, Newcastle-on-
	1913 Dec. 9.		{Tyne.
	1893 Dec. 5.	*COPLAND, JOHN PEARSON ..	146 West Regent Street, Glasgow.
	1906 Jan. 9.		
m	{1895 Dec. 3.	{*COPLAND, WILLIAM ROBERT-	
	{1906 Jan. 9.	{SON	146 West Regent Street, Glasgow.
	1890 Dec. 2.	{COPLAND, WILLIAM WALLACE,	
	1913 Jan. 21.	{M.V.O.	Sanitary Commission, Gibraltar.
+	{1875 Jan. 12.	{COPPERTHWAIT, HAROLD ..	
	{1880 Feb. 24.		2 The Crescent, Scarborough.
St	{1896 May 19.	{COPPERTHWAIT, WILLIAM	
	{1900 Feb. 27.	{CHARLES	Santa Marta, Beaconsfield Road,
			Westcombe Park, S.E.
t	{1893 Dec. 5.	{*CORIN, WILLIAM	
	{1907 Apr. 23.		{Chief Electrical Engr., P.W.D., Sydney, N.S.W.
+	{1902 Apr. 8.	{CORMACK, Professor JOHN DEWAR,	
	{1912 Apr. 2.	{B.Sc. (Glas.)	University College, Gower Street,
			W.C.
	1892 Dec. 6.	CORNER, CHARLES	{Long Sutton Lodge, Long Sutton,
	1904 Dec. 13.		{Langport, Somerset.
	1897 Apr. 6.	CORNEWALL-WALKER, ARCHI-	
	1913 Apr. 22.	ALD EDWARD	East Surrey Water Co., Redhill.
W t	{1884 Dec. 2.	{CORTHELL, ELMER LAWRENCE,	
		{M.A., D.Sc. (Brown Univ., Providence, R.I., U.S.) ..	149 Broadway, New York, U.S.
	1883 Feb. 6.	*COSTE, JEAN LOUIS NAPOLEON	{47 Cours du Chapitre, Marseille,
	1899 Feb. 28.		{France.
	1887 Apr. 5.	*COTTERELL, ALBERT PLAYER	17 Old Queen Street, Westminster,
	1903 Dec. 22.	ISAAC	S.W.
	1881 May 31.	COTTON, CHARLES OSWELL ..	The Rowans, Abergavenny.
	1889 Dec. 3.		
	1893 Feb. 7.	COTTON, FRANCIS MICHAEL ..	Harbour Office, Holyhead.
	1898 Dec. 6.	COTTON, WILLIAM FRANCIS, JUN.	{Alliance and Dublin Gas Co., D'Olier Street, Dublin.
+	{1889 May 21.	{*COTTRELL, STEPHEN BUTLER	
	{1895 Mar. 26.		Homestead, Old Colwyn, N. Wales.
	1890 Feb. 4.	*COUCHMAN, FRANCIS DUNDAS	King, King & Co., Bombay.
	1902 Feb. 11.		
	1902 Mar. 4.	*COUPER, JOHN DUNCAN CAMP-	{Engr.'s Office, Alexandra South
	1912 Jan. 9.	BELL, M.A. (Contab.)	{Dock, Newport, Mon.
+	1894 May 22.	COURTNEY, CHARLES FREDERICK	{Sulphide Corporation, 34 Queen
			{Street, Melbourne, Victoria.
	1876 May 30.	*COURTNEY, FRANK STUART ..	25 Victoria Street, S.W.
	1889 Nov. 26.		
	1896 May 19.	COVENTRY, HENRY GEORGE ..	{13 Gorst Road, Wandsworth Com-
	1905 Dec. 19.		{mon, S.W.
+	1888 Dec. 4.	COWAN, DAVID	{Coulport House, Cove, Dumbarton-
			{shire.
m m	{1887 May 3.	{*COWAN, EDWARD WOODROWE	
	{1904 Mar. 29.		4 Queen Victoria Street, E.C.
	1890 Feb. 4.	*COWAN, JOHN	{204 St. Vincent Street, Glasgow.
	1906 Jan. 30.		{(Central 2677.)

Date of Election
and of Transfer.

MEMBERS.

m	†	{	1885 Feb. 3.	*COWAN, PETER CHALMERS,	33 Ailesbury Road, Dublin.
			1892 May 3.	D.Sc. (<i>Edin.</i>)	
T		{	1908 Apr. 14.	*COWIE, FREDERICK WILLIAM,	Chief Engineer, Harbour Commis-
				B.A.Sc. (<i>McGill</i>)	sioners, Montreal.
			1894 Dec. 4.	COX, ALEXANDER GEORGE ..	{c.o. H.B.M. Consul, Tientsin, China
			1904 Apr. 19.		{ [<i>via Siberia</i>].
			1880 Dec. 7.	COX, JOHN HENRY	The Cottage, Clayton, Bradford.
			1889 Dec. 3.		
			1886 Dec. 7.	*CRABTREE, HENRY HERBERT ..	Ciudad Lerdo, Durango, Mexico.
			1910 Mar. 15.		
			1880 May 4.	CRAIG, JOHN, M.A. (<i>Dubl.</i>) ..	Finn View, Killygordon, Ireland.
			1883 Nov. 6.		
			1896 Apr. 14.	CRAIG, WILLIAM	{Savings Bank Buildings, St.
			1906 Dec. 18.		George's Street, Cape Town.
			1910 Dec. 6.	{CRAVEN, WILLIAM HENRY	Vauxhall Works, Osborne Street',
				SAVILLE	Manchester.
			1888 Dec. 4.	CRAWFORD, ROBERT	Harbour Engineer, Greenock, N.B.
			1893 Mar. 7.		
			1896 May 5.	CRAWFORD, WILLIAM	
			1906 Dec. 4.	*CREASY, HAROLD THOMAS ..	{P.W.D., Head Offices, Colombo.
			1914 Feb. 10.		Ceylon.
			1881 Mar. 1.	CREASY, LEONARD, I.S.O. ..	Hurstleigh, Winkfield, Windsor.
			1898 Mar. 22.		
			1910 Feb. 1.	{*CREBER, WILLIAM FRANCIS	Weshiang, Accra, Gold Coast.
				HENRY	W. Africa.
			1914 Jan. 13.	{CRESSON, BENJAMIN FRANKLIN,	Engineers' Club, 32 West 40th Street,
				Jun.	New York City, U.S.A.
			1879 Feb. 4.	CRESWELL, ROBERT EDWARD ..	Lauslowne, Masterton, N.Z.
			1884 Dec. 23.		
			1899 Dec. 5.	CROASDAILE, JOHN ERNEST,	
			1903 Dec. 22.	M.A., B.A.I. (<i>Dubl.</i>) ..	Avenue Chambers, Belfast.
t	†	{	1889 Dec. 3.	CROFTS, CHARLES JAMES ..	95 Ridge Road, Durban, Natal.
			1899 Nov. 28.		
T	t	†	1886 May 18.	{CROMPTON, ROOKES EVELYN	Thriplands, Kensington Court, W.
				BELL, C.B., Lt.-Col. <i>Electrical</i>	
				<i>Engrs. R.E. (Vols.)</i>	
				(<i>Member of Council</i>)	
			1879 Mar. 4.	*CROOK, HENRY TIPPING ..	Launceston Avenue, Manchester.
			1897 Nov. 30.		
			1892 Mar. 1.	*CROOK, JOHN ROWLAND ..	Government Engineer, Gibraltar.
			1910 Jan. 11.		
			1892 Feb. 2.	CROSLAND, JAMES FOYELL,	
			1894 May 22.	LOVELOCK	Belcombe, Hale, Cheshire.
			1887 May 24.	CROSLEY, WILLIAM	19 St. Swithin's Lane, E.C.
			1910 Jan. 11.		
			1896 May 5.	CROSS, FREDERICK WILLIAM	Gasworks, Leyton, Essex.
			1909 Apr. 27.		
			1886 Feb. 2.	CROSS, WILLIAM	Spreckfield Cottage, Frensham.
			1891 Jan. 13.		
			1904 Jan. 12.	*CROSS, WILLIAM MARK,	Local Government Board, Whitehall,
			1913 Apr. 8.	B.A., B.E. (<i>Royal</i>)	S.W.
			1868 Jan. 14.	CROSTHWAITE, THOMAS PHILIP	Shadimar, Mount Eden Rd., Donny-
			1887 Dec. 13.	SHERARD, B.A. (<i>Dubl.</i>) ..	brook, Dublin.
†		{	1888 Feb. 7.	CROSTHWAITE, PONSONBY MOORE,	The Retreat, Westerham, Kent.
			1904 Dec. 13.	B.A.I. (<i>Dubl.</i>)	
			1899 Dec. 5.	*CROUCH, JOHN PEACHEY ..	{F.C. Central Argentino, Rosario de
			1910 Feb. 8.		Santa Fé, Argentina.
			1871 Feb. 7.	CROUCH, WILLIAM	14 Blythswood Square, Glasgow.
			1893 May 2.	{CROWELL, FOSTER, M.C.E.	18 Broadway, New York, U.S. (Bu-
				(<i>Polytechnic Coll., Penn.</i>) ..	dial, New York.)
St	t	†	1883 Feb. 6.	CRUTTWELL, GEORGE EDWARD	{2 Queen Anne's Gate, S.W. (Con-
			1888 Mar. 13.	WILSON	sillium Vic. London. Victoria
					4948.)

Date of Election and of Transfer.		MEMBERS.
†	{1891 Dec. 1. 1905 Jan. 31.}	{*CUFFE, OTWAY FORTESCUE LUKE WHEELER}
†	{1895 Feb. 5. 1902 Dec. 16.}	{CULLEN, EDWARD ALEXANDER CULVERWELL, GEORGE}
	1881 Dec. 6.	{PARNALL, B.A. (<i>Dubl.</i>)}
	1899 Dec. 12.	{CUNHA, ERNESTO ANTONIO LASSANCE}
	1897 Jan. 12.	{CUNNINGHAM, GRANVILLE CAR- LYLE}
†	1878 Dec. 3.	{CUNNINGHAM, GRANVILLE CAR- LYLE}
	1868 Dec. 1.	{CURREY, ELIOTT SCARLETT}
	1873 Apr. 1.	{CURREY, ELIOTT SCARLETT}
m	{1877 Dec. 4. 1886 Jan. 19.}	{*CURRY, Professor MATTHEW}
	1883 Apr. 3.	{CUTHBERT, EDWIN}
	1900 Dec. 4.	{CUTHBERT, EDWIN}
	1913 Dec. 9.	{CUTLER, ARTHUR EDWARD}
m	{1886 Dec. 7. 1905 Apr. 11.}	{*CUTLER, HENRY ALBERT}
	1896 Dec. 1.	{CUTTEN, FREDERICK ALFRED}
	1912 Jan. 9.	{CUTTEN, FREDERICK ALFRED}
	1888 Dec. 4.	{D'AETH, JOHN, I.S.O.}
	1896 Apr. 21.	{D'AETH, JOHN, I.S.O.}
S C	{1894 Jan. 9. 1898 Nov. 29.}	{DALBY, Professor WILLIAM ERNEST, M.A. (<i>Cantab.</i>)}
		{B.Sc. (<i>Lond.</i>)}
T t m	{1887 Dec. 6. 1899 Mar. 28.}	{*DALRYMPLE - HAY, HARLEY HUGH}
	1899 Dec. 5.	{d'ALTON, PATRICK WALTER}
	1895 Feb. 2.	{*DANA, ROBERT WASHINGTON,}
	1905 Jan. 10.	{M.A. (<i>Cantab.</i>)}
H	1897 Dec. 7.	{DARBY, JOHN HENRY}
t	{1892 Dec. 6. 1911 Jan. 10.}	{*DARE, HENRY HARVEY,}
		{M.E. (<i>Sydney</i>)}
	1873 Dec. 2.	{DARLEY, CECIL WEST, I.S.O.}
	1879 Jan. 7.	{(former Member of Council)}
W t	{1877 Feb. 6. 1878 May 21.}	{DAVEY, HENRY}
	1888 Dec. 4.	{DAVIDSON, WILLIAM (former}
		{Member of Council)}
	1888 May 1.	{DAVIES, HARRY SEAGRAVE}
	1899 Dec. 5.	{c.o. Thos. Cook & Son, Ludgate}
	1910 Dec. 6.	{Circus, E.C.}
	1884 May 6.	{DAVIES, JOHN VIPOND}
	1882 May 2.	{DAVIES, WILLIAM}
	1904 Mar. 29.	{*DAVIS, ALFRED THOMAS}
t	{1903 Apr. 7. 1912 Apr. 25.}	{DAVIS, FRANK WILLIAM}
	1899 Dec. 5.	{*DAVIS, FREDERICK WILLIAM}
	1914 Jan. 13.	{DANIEL, M.Sc. (<i>Victoria</i>)}
t	{1889 Dec. 3. 1891 Nov. 9.}	{DAVIS, JOSEPH}
		{(former Member of Council)}
	1884 Mar. 4.	{*DAVISON, ROBERT COPE HARDY}
	1895 Jan. 22.	{25 Victoria Street, S.W. (Groyne}
	1906 Feb. 6.	{Vic. London. Victoria 5170.)}
		{Wierion, Sidcup.}

Date of Election and of Transfer.		MEMBERS.	
1908 Mar. 3.		DAWSON, Sir ARTHUR TREVOR	{Vickers House, Broadway, Westminster, S.W.
1893 Dec. 5.		*DAWSON, FREDERIC JOHN ..	P.W.D., Lagos, S. Nigeria.
1905 Dec. 19.		{1894 May 1.}	{St. Stephen's House, Victoria Em-
{1904 Dec. 13.}		DAWSON, PHILIP	bankment, S.W.
t ✱ {1886 Jan. 12.}		{1896 Feb. 25.}	L. & N.W. Ry., Crewe.
W M ✱ {1879 Dec. 2.}		*DAWSON, WILLIAM BELL, M.A.,	{Superintendent of Tidal Surveys
{1905 Dec. 19.}		Ma.E., D.Sc. (McGill) ..	Dept. of the Naval Service, Ottawa
			Canada.
1883 Mar. 6.		DAY, ARTHUR JAMES	Northam Iron Works, Southampton.
1871 Jan. 10.		DAY, JAMES EDWARD	{Violet Hill, Ballybrack, co.
			Dublin.
1906 Apr. 3.		*DEACON, MARTIN	{St. Stephen's House, Victoria Em-
1913 Apr. 8.			bankment, S.W. (Arbinto, London, Victoria 5070.)
1886 Dec. 7.		DEACON, MAURICE	{Chase Cliffe, Whatstandwell, Mat-
1892 Dec. 20.			lock.
1891 May 5.		DEAKIN, THOMAS HEDGES ..	Parkend, Lydney, Gloucestershire.
1907 Feb. 12.			
✱ {1874 May 5.}		DEANE, HENRY, M.A. (Royal)	{Commonwealth Rys., 84 William
{1886 May 11.}		(former Member of Council)	Street, Melbourne.
1895 Dec. 3.		{DEANE, HENRY HARGRAVE,	T. Cook & Son, Bombay.
		B.A. (Dubl.)	
1902 Dec. 2.		*DEANE, HENRY JAMES,	{Engr.'s Office, Port of London Au-
1913 Jan. 21.		B.E. (Sydney)	thority, 105 Leadenhall Street, E.C.
1891 Jan. 13.		*DEANS, HAROLD, M.A. (Cantab.)	G.W. Ry., Stores Dept., Swindon.
1905 Feb. 28.			
1906 Mar. 6.		{DEARLOVE, JOSEPH ARTHUR	{4 Great Winchester Street, E.C.
		LOVEL	
1886 Apr. 6.		DE BRATH, STANLEY	{Charters Towers, East Grinstead,
1894 Feb. 20.			Sussex.
t ✱ {1888 May 15.}		DE BURGH, ERNEST MACARTNEY	P.W.D., Sydney, N.S.W.
{1894 Nov. 20.}			
1906 Feb. 6.		DEELEY, RICHARD MOUNTFORD	{Abbeyfield, Salisbury Avenue,
			Harpden, Herts.
1897 Dec. 7.		*DELAP, ALFRED DOVER	{Res. Engr.'s Office, Helvieck Har-
1907 Mar. 12.			bour, Dungarvan, co. Waterford.
✱ {1886 Dec. 7.}		*DENISON, ALBERT	Victoria, Hong Kong [via Siberia].
{1903 Jan. 13.}			
1893 Dec. 5.		DENNIS, NELSON FREDERICK ..	Boro' Engineer, West Hartlepool.
1909 Jan. 12.			
1912 Dec. 3.		DENNIS, WILLIAM FRANKLIN ..	{2201 Massachusetts Avenue, Wash-
			ington, D.C., U.S.A.
1889 Mar. 5.		DENNISON, GAVIN HADDEN ..	Leven Ship-Yard, Dumbarton, N.B.
1900 Apr. 3.		DENNY, Sir ARCHIBALD, Bart.	{Southleigh House, Forest Hall
1906 Mar. 6.		DENT, HARRY	Newcastle-on-Tyne.
1863 Apr. 14.		{DENT, WILLIAM DENT,	{5 Greenleys Road, Princes Park,
		M.A. (Cantab.)	Liverpool.
t ✱ {1868 Feb. 4.}		DE RESETT, EDWIN WILLIAM	{Whitlaid, Stocksfield, Northumber-
{1893 May 9.}			land.
1909 Dec. 7.		DETHRIDGE, JOHN STEWART ..	{Victorian Water Supply Dept., Mel-
			bourne, Victoria. [E.C.]
T ✱ 1902 Apr. 22.		DEUCHARS, GEORGE, F.C.II. ..	{Thos. Cook & Son, Ludgate Circus,
1888 Mar. 2.		DEVERELL, THOMAS CLARK ..	{Heydor, Endlebury Road, Chingford,
1900 Apr. 3.			Essex.
W t ✱ {1884 Mar. 4.}		*DEWRANCE, JOHN	Cranmore Place, Chislehurst.
{1899 Nov. 28.}			
1888 Apr. 10.		DICK, FREDERICK JOHN	Point Loma, San Diego, Cal., U.S.
1893 May 2.			

Date of Election and of Transfer.		MEMBERS.	
✠	{1886 Dec. 7. 1905 Dec. 19.}	*DICKIE, ALEXANDER LOW ..	16 Albyn Terrace, Aberdeen.
✠	{1889 May 7. 1903 Apr. 7.}	DICKINSON, ALFRED	
	1899 Dec. 5.	DICKINSON, HAROLD	{Greenwood, Victoria Park, Waver- tree, Liverpool.
	1913 Dec. 9.		
	1895 Mar. 5.	DICKSON, NORMAN BONNINGTON	{Shire Highlands Ry., Thames House, Queen Street Place, E.C.
	1901 Dec. 11.		
	1880 Apr. 6.	DILLON, JAMES	36 Dawson Street, Dublin.
	1885 Feb. 3.	*DISNEY, GEORGE WILLIAM ..	Bankipur, Behar and Orissa, India.
	1912 Jan. 9.		
	1892 Feb. 2.	DIXON, EDWARD KEVILLE,}	County Surveyor, Castlebar, Mayo.
	1894 Nov. 27.		
	1895 Mar. 5.	DIXON, EDWARD WILSON ..	3 East Parade, Leeds.
	1899 Nov. 28.		
	1897 Apr. 6.	DIXON, FREDERIC JOHN	{Waterworks Engineer, Town Hall Chambers, Ashton-under-Lyne.
	1913 Dec. 9.		
	1891 May 12.	DIXON, FREDERICK PARKER ..	Town Hall, Rathmines, co. Dublin.
	1897 Mar. 2.	DIXON, JAMES RUSH	Town Hall, Woolwich.
	1906 Jan. 9.		
t ✠	{1892 Dec. 6. 1906 Mar. 20.}	*DIXON, STEPHEN MITCHEL,}	City and Guilds (Engineering) College, Exhibition Road, S.W.
		M.A., B.A.I. (Dubl.)	
	1913 Feb. 4.	{DIXON, THOMAS INGHAM, B.A., B.A.I. (Dubl.)}	Bari Doab Canal, Lahore, Punjab, India.
t ✠	{1873 Feb. 4. 1880 Dec. 14.}	*DOBSON, JAMES MURRAY	Millbank House, Westminster, S.W.
		(Member of Council)	
	1891 Feb. 3.	DOBSON, SYDNEY THORNTON ..	{St. James and Pall Mall Electric Light Co., Carnaby Street, W.
	1898 Mar. 15.		
	1901 Dec. 3.	*DODD, EDWARD	{37 Waterloo Street, Birmingham. (Calvert, Birmingham. 04718.)
	1910 Apr. 12.		
	1890 Dec. 2.	DODD, PETER	{Boro' Engr. of Wandsworth, 215 Balham High Road, S.W.
	1910 Jan. 11.		
	1902 Dec. 2.	*DODD, ROBERT PARKER	37 Waterloo Street, Birmingham.
	1910 Apr. 12.		
	1881 Apr. 5.	{DODWELL, CHARLES EDWARDS WILLOUGHBY, B.A. (King's Coll., Nova Scotia)}	46 Coburg Road, Halifax, Nova Scotia.
	1890 Feb. 18.		
✠	{1889 May 7. 1901 Mar. 26.}	DOLBY, ERNEST RICHARD	{8 Princes Street, Westminster, S.W. (Victoria 782).
	1906 Apr. 3.	*DONALDSON, ALEX. WANNAN ..	{Engr.'s Office, L. & N.W. Ry., Euston, N.W.
t ✠	{1882 Feb. 7. 1891 Apr. 7.}	{DONALDSON, Sir HAY FREDERICK, K.C.B. (Member of Council)}	Wood Lodge, Shooter's Hill, Kent.
t ✠	{1898 Mar. 1. 1913 Mar. 11.}	{DONALDSON, THORNYCROFT, M.A. (Cantab.)}	The Elms, Peartree Avenue, South- ampton.
	1898 Apr. 5.	*DONKIN, SYDNEY BRYAN ..	{Sir A. B. W. Kennedy, 17 Victoria Street, S.W.
	1912 Mar. 12.		
	1893 Feb. 7.	DORMAN, RICHARD HENRY ..	County Surveyor, Armagh.
	1902 Jan. 14.	DORMAN, WILLIAM STEWART	P.W.D. Secretariat, Lahore, India.
	1911 Jan. 10.		
	1887 Apr. 5.	DOUGALL, ANDREW, JUN. ..	Gasworks, Tunbridge Wells.
	1903 Dec. 22.		
	1910 Jan. 11.	DOUGLAS, WALTER JULES ..	60 Wall Street, New York, U.S.A.
	1894 May 1.	*DOUGLASS, ALFRED EDWARDS	{Waterworks, Paradise Street, Bir- mingham.
	1909 Jan. 12.		
	1895 Feb. 5.	DOUGLASS, WILLIAM LISTON ..	District Offices, Hamilton, N.B.
	1907 Apr. 23.		
W t ✠	{1871 Mar. 7. 1884 May 13.}	DOWSON, JOSEPH EMERSON ..	Landhurst Wood, Hartfield, Sussex.
	1891 Dec. 1.	*DRIFFIELD, EDWARD CARUS ..	{Mining & Ry. Co., Mount Lyell, Tasmania.
	1908 Jan. 14.		

Date of Election
and of Transfer.

MEMBERS.

	1887 Mar. 1.)	*DRURY, ALEXANDER GRAHAM	{26 Lansdowne Crescent, Notting Hill, W.
	1908 Mar. 10.)	*DRURY, OSWALD GEORGE	{Meeson, Maxwell Road, Northwood, Middlesex.
	1902 Dec. 2.)	COOPER	{County Surveyor's Office, County Hall, Kingston-on-Thames.
	1914 Apr. 21.)	*DRYLAND, ALFRED	{County Surveyor's Office, County Hall, Kingston-on-Thames.
	1891 Mar. 3.)	*DRYLAND, ALFRED	{County Surveyor's Office, County Hall, Kingston-on-Thames.
	1911 Jan. 10.)	*DRYLAND, ALFRED	{County Surveyor's Office, County Hall, Kingston-on-Thames.
T t †	{1875 Feb. 2.)	DUCKHAM, FREDERIC ELIOT ..	Red House, Dartmouth Grove, S.E.
	{1878 Apr. 9.)	DUCKHAM, FREDERIC ELIOT ..	Red House, Dartmouth Grove, S.E.
	1903 Apr. 7.)	*DUCKHAM, FREDERIC WILLIAM	{S. Pearson & Son, Ltd., Royal Albert Dock Extension (South), E.
	1911 Dec. 12.)	*DUCKHAM, FREDERIC WILLIAM	{S. Pearson & Son, Ltd., Royal Albert Dock Extension (South), E.
	1904 Dec. 6.)	DUDGEON, ALEXANDER JOHN ..	89 Aldgate, E.C.
	1904 Dec. 6.)	DUDGEON, FREDERICK SCHEER	Forest Dean, Worth, Sussex.
	1899 Dec. 5.)	DUFF, MATTHEW BUCHANAN ..	42 Frederick Street, Edinburgh.
	1905 Jan. 10.)	DUFF, MATTHEW BUCHANAN ..	42 Frederick Street, Edinburgh.
	1910 Dec. 6.)	DEFFIELD, HUGH JOHNSTON,	{P.O. Drawer 5, Irrigation Office, Calgary, Alta., Canada.
	1913 Dec. 9.)	B.E. (Royal)	{P.O. Drawer 5, Irrigation Office, Calgary, Alta., Canada.
†	1904 Apr. 12.)	DUGDALE, WILLIAM HENRY ..	Wear Dockyard, Sunderland.
	1893 Dec. 5.)	*DUGDALE - BRADLEY, JAMES	{City Hall, Charing Cross Road, W.C.
	1903 Dec. 22.)	WILLIAM	{City Hall, Charing Cross Road, W.C.
	1912 Apr. 23.)	DUGGAN, COLLINGWOOD ROSS	{Mrs. Duggan, c.o. Mrs. Magori, Great Shelford, Cambridge.
	1912 Mar. 5.)	DUGGAN, GEORGE HERRICK ..	{Dominion Bridge Co., Ltd., Montreal, Canada.
	1904 Jan. 12.)	*DUKE, JOHN REGINALD HARE	{Turf Club, Cairo, Egypt.
	1912 Jan. 9.)	DUNCAN, Hon. GEORGE ALEX-	{62 Commonwealth Avenue, Boston, Mass., U.S.A.
	1882 Feb. 7.)	ANDER HALDANE	{62 Commonwealth Avenue, Boston, Mass., U.S.A.
	1887 Dec. 6.)	DUNCAN, GEORGE SMITH ..	{P.O. Box 16, Melbourne, Victoria.
	1885 Dec. 1.)	DUNCAN, ROBERT	{Whitefield Works, Govan, Glasgow.
	1883 Dec. 4.)	DUNLOP, CHARLES BLACKBURN	{18 Florence Road, Ealing, W.
	1879 May 6.)	DUNSCOMBE, CLEMENT,	{92 Victoria Street, S.W. (Persnade, London.)
	1883 Jan. 23.)	M.A. (Dubl.)	{92 Victoria Street, S.W. (Persnade, London.)
	1906 Jan. 9.)	{DUPUIS, CHARLES EDWARD,	c.o. H. S. King & Co., 9 Pall Mall, S.W.
		M.A. (Cantab.), F.C.H. ..	c.o. H. S. King & Co., 9 Pall Mall, S.W.
	1894 Mar. 6.)	DUCQEMIN, JAMES	Braemar, St. Peter Port, Guernsey.
C m †	{1893 Dec. 5.)	*DURLEY, RICHARD JOHN,	{4 Beaver Hall Square, Montreal, Canada.
	{1905 Dec. 19.)	B.Sc. (Lond.), M.A. (McGill)	{4 Beaver Hall Square, Montreal, Canada.
	1899 Dec. 5.)	DURNFORD, HERBERT ST. JOHN	2 St. Sepulchre Gate, Doncaster.
	1907 Mar. 12.)	DURNFORD, HERBERT ST. JOHN	2 St. Sepulchre Gate, Doncaster.
S W t †	1897 Apr. 6.)	{DURSTON, Sir ALBERT JOHN,	{St. Andrews, Westcombe Park Road, Blackheath, S.E.
		K.C.B., R.N.	{St. Andrews, Westcombe Park Road, Blackheath, S.E.
	1887 May 3.)	DYACK, WILLIAM	Burgh Surveyor, Aberdeen.
	1897 Nov. 30.)	DYACK, WILLIAM	Burgh Surveyor, Aberdeen.
	1893 Apr. 11.)	EADY, GEORGE GRIFFIN	{Box 98, British Post Office, Constantinople.
	1901 Dec. 17.)	EADY, GEORGE GRIFFIN	{Box 98, British Post Office, Constantinople.
	1910 Jan. 11.)	EAGLESOME, JOHN EGAN, C.M.G.	{c.o. H. S. King & Co., 9 Pall Mall, S.W.
	1896 Feb. 4.)	EARLE, HARDMAN ARTHUR ..	{Knightsbridge Mansions, Brompton Road, S.W.
	1911 Feb. 7.)	EARLE, JOHN BERNARD	{Eldon Street House, Eldon Street, E.C.
t †	{1896 Dec. 1.)	*EASTON, WILLIAM CECIL,	{14 Blythswood Square, Glasgow.
	{1904 Dec. 13.)	B.Sc. (Glas.)	{14 Blythswood Square, Glasgow.
	1877 Apr. 10.)	EATON, EDWARD MICHAEL ..	7 Victoria Street, S.W.
	1902 Apr. 29.)	EATON, EDWARD MICHAEL ..	7 Victoria Street, S.W.
	1898 Dec. 6.)	*EDGE, FREDERIC JAMES ..	{38 Blackett Street, Newcastle-on-Tyne.
	1914 Apr. 7.)	EDWARD	{38 Blackett Street, Newcastle-on-Tyne.
	1889 May 7.)	*EDGE, FREDERIC JAMES ..	{38 Blackett Street, Newcastle-on-Tyne.
	1905 Jan. 10.)	*EDGE, FREDERIC JAMES ..	{38 Blackett Street, Newcastle-on-Tyne.
	1899 Dec. 5.)	EDMONDS, HENRY	{Parliament Mansions, Victoria Street, S.W.

	Date of Election and of Transfer.	MEMBERS.	
	1908 Feb. 4.	EDWARDS, FREDERICK	62 Bishopsgate Street Within, E.C.
	1904 Jan. 12.	EDWARDS, GUILFORD LINDSAY	Ashburnham House, Bedford.
	1910 Jan. 11.	EDWARDS, HARRY	Arrah, Bengal.
†	{ 1887 Dec. 6.	*EDWARDS, WALTER CLEEVE ..	{ Pacific Phosphate Co., Collins
	{ 1910 Apr. 26.		{ Street, Melbourne, Victoria.
	1890 Mar. 4.	*EGERTON, CLAUDE FRANCIS	
	1902 Dec. 16.	ARTHUR	West Horsley, Surrey.
	1889 Apr. 2.	ERIN, TOM CHARLES	{ Local Government Board, White-
	1904 Feb. 16.		{ hall, S.W.
	1912 Apr. 23.	ELFORD, ERNEST JOHN	{ Borough Engr.'s Office, Southend-
			{ on-Sea.
W S t †	{ 1872 Feb. 6.	ELIOT, Sir WHATELY	18 Surrey Road, Bournemouth.
	{ 1878 Jan. 29.		
	1874 Dec. 1.	ELLICE - CLARK, EDWARD	
	1882 May 23.	BAUDOUIN	2 Palace Court, W.
W t †	1882 Dec. 5.	{ ELLINGTON, EDWARD BAY-	9 Bridge Street, Westminster, S.W.
		{ ZAND (Member of Council) ..	{ (Hydrower, London.)
	1901 Mar. 5.	ELLIOT, JAMES DUNCAN	13 Victoria Street, S.W.
	1909 Jan. 12.		
	1907 Dec. 3.	ELLIOTT, ROBERT, B.Sc. (Glas.)	{ Woodleigh, Thorold Road, Bitterne
	1910 Dec. 20.		{ Park, Southampton.
	1888 Dec. 4.	ELLIS, EDWARD	G.N. Ry., Leeds.
	1896 Mar. 17.	ELLIS, HENRY DISNEY	30 Blackheath Park, S.E.
	1902 Feb. 4.		{ Mewburn, Ellis & Pryor, 70 Chancery
	1887 Dec. 6.	*ELLIS, REGINALD EATON ..	{ Lane, W.C. (Patent, London.
	1896 Mar. 3.		{ Holborn 243.)
m t †	{ 1896 Dec. 1.	*ELLIS, SOMERS HOWE	Butterfield & Swire, Hong Kong.
	{ 1907 Mar. 12.		
	1888 May 1.	ELLIS, WILLIAM HENRY	
	1904 Mar. 22.	(Member of Council)	Atlas Works, Sheffield.
	1866 Apr. 10.	ELLIS, WILLIAM IRLAM	49 Deansgate, Manchester.
	1884 Mar. 18.		
	1901 Dec. 3.	ELLSON, GEORGE	{ Engr.'s Office, S.E. & C. Ry.,
	1912 Jan. 9.		{ London Bridge Station, S.E.
	1888 Dec. 4.	ELY, THEODORE NEWEL	Bryn Mawr, Pennsylvania, U.S.A.
	1892 Feb. 2.	*EMERSON, AMBROSE	{ Crown Point, Castle Bar Road,
	1900 Dec. 18.		{ Ealing, W.
	1876 May 2.	EMMOTT, PHILIP RICKMAN ..	Willow Brae, Parkstone, Poole.
	1883 Nov. 6.		
	1893 Feb. 7.	EMMOTT, WALTER	Eversley Mount, Halifax.
	1905 Feb. 21.		
T t †	{ 1876 Mar. 7.	ENDE, MAX AM	{ Walkmühlstrasse 44, Wiesbaden,
	{ 1884 Jan. 22.		{ Germany.
†	{ 1890 May 6.	ESSON, WILLIAM BEEDIE ..	{ Bank Buildings, Kingsway, W.C.
	{ 1894 Dec. 18.		{ (Holborn 2168.)
	1874 Dec. 1.	ESTALL, GEORGE	{ 45 West Cromwell Road, Kensing-
	1895 Nov. 26.		{ ton, W.
	1896 Mar. 3.	ETLINGER, JOHN ERNEST ..	Ewood, Hampton-on-Thames.
	1882 Mar. 7.	EVANS, MORTIMER	Savile Club, Piccadilly, W.
			{ Creswell Lodge, Moor Park, Great
	1900 Mar. 6.	EVANS, NEVILLE	{ Crosby, Lancs.
	1890 Dec. 2.	EVANS, WILLIAM	Cyfarthfa Works, Merthyr Tydfil.
	1884 May 27.	EVENS, THOMAS	{ 42 Royal Ycrk Crescent, Clifton,
			{ Bristol.
	1897 Jan. 12.	*EVERARD, FRANCIS OVER ..	{ Belliss & Morcom, Ledsam Street,
	1913 Dec. 9.		{ Birmingham.
	1870 May 3.	*EVERARD, JOHN BREEDON ..	6 Millstone Lane, Leicester.
	1886 Mar. 1.		
	1886 Feb. 2.	EVERETT, JOHN EDWARD ..	St. Aubyns, Monkstown, co. Cork,
	1903 Feb. 17.		

Date of Election and of Transfer.		MEMBERS.	
✱	{ 1899 Feb. 7. 1912 Jan. 9. }	EYES, GRAVES WILLIAM, B.A.I. (<i>Dublin</i>)	{ Barsi Road, Deccan, India.
T & F ✱	1891 Mar. 3.	{ EWING, Sir JAMES ALFRED, K.C.B., M.A. (<i>Cantab.</i>), LL.D. (<i>Edin. and St. And.</i>), D.Sc. (<i>Durham</i>), F.R.S. }	{ Froghole, Edenbridge, Kent.
	1905 Apr. 11.	EWING, JAMES MUIR	{ c.o. Chief Engr., M. & S. M. Ry., Royapuram, Madras.
	1874 Dec. 1.	EYLES, Sir GEORGE LANCELOT,	{ 12 Dean's Yard, Westminster, S.W.
	1880 Nov. 9. }	K.C.M.G.	{ (Gregory, London. Victoria 3568.)
	1880 Dec. 7.	FAHIE, WILLIAM JOSEPH ..	47 Ailesbury Road, Dublin.
	1883 May 1. }	*FAIRBANK, FRANK GRAHAM ..	Lendal Chambers, York.
	1908 Jan. 14. }		
✱	{ 1886 Apr. 6. 1911 Feb. 14. }	*FAIRLEY, WILLIAM	{ Parliament Mansions, Victoria Street, S.W.
	1914 Apr. 21.	FAIRLIE, FRANK ARCHBOLD ..	Iquique, Chile.
	1880 Feb. 3. }	*FAREWELL, CHARLES WILLIAM	{ 9 Cornwall Road, Dorchester.
	1897 Nov. 30. }	FREKE	
✱	{ 1887 Dec. 6. 1891 Jan. 27. }	FARRAR, SIDNEY HOWARD ..	{ Farrar Bros., 4 London Wall Build- ings, E.C.
	1875 May 4. }	*FAVELL, THOMAS MILNES ..	Fairwood, Pine Grove, Weybridge.
	1894 Nov. 27. }		
	1893 May 16. }	*FAWCETT, EDMUND ALDERSON	{ Local Government Board, White- hall, S.W.
	1904 Mar. 22. }	SANDFORD	
	1901 Apr. 2. }	FEDDEN, SAMUEL EDGAR ..	{ Electricity Dept., Commercial Street, Sheffield.
	1905 Dec. 19. }		
	1914 Apr. 7.	{ FELL, AUBREY LLEWELLYNS COVENTRY }	{ 62 Finsbury Pavement, E.C.
	1910 Dec. 6.	*FELLOWS, ARTHUR CECIL ..	{ Harbour Commissioner's Office, Quebec, Canada.
	1893 Dec. 5. }	FENNELLY, RICHARD	Kilmore, Victoria.
	1913 Apr. 22. }		
	1868 Apr. 7. }	FENNER, HENRY ALGERNON	{ 6 Eliot Hill, Lewisham, S.E.
	1877 Oct. 30. }	SHRAPNEL	
	1874 Dec. 1. }	*FENWICK, CHARLES RICHARD	{ 1 Park Place, Leeds.
	1905 Jan. 24. }		
	1892 May 3. }	*FERGUSON, JOHN	160 Hope Street, Glasgow.
	1902 Mar. 18. }		
	1880 Dec. 7. }	FERGUSON, WILLIAM, M.A., B.A.I. (<i>Dubl.</i>)	{ 131 Coromandel Street, Wellington. N.Z.
	1893 May 16. }	(<i>Member of Council</i>)	
✱	{ 1884 Dec. 2. 1895 Nov. 26. }	*FERGUSON, JOHN COLEMAN ..	38 Bennetts Hill, Birmingham.
	1886 Jan. 12. }	FERNAU, JOHN JAMES	{ c.o. Altamont, Thurlow Park Road, West Dulwich, S.E.
	1900 Dec. 18. }	CONSTANT	
	1900 Feb. 6.	FERRANTI, SEBASTIAN ZIANI DE	Baslow, Derbyshire.
	1867 May 21. }	FERRAR, WILLIAM GREY ..	{ Holy Trinity Vicarage, East Finchley, N.
	1877 Oct. 30. }		
	1903 Mar. 3.	{ FERRIER, ROBERT MUIR, B.Sc. (<i>Glas.</i>) }	{ The University, Bristol.
	1899 Dec. 5. }	*FFORDE, FRANCIS CRESWELL ..	{ Andermatt, Richmond Road, Wor- thing.
	1914 Jan. 13. }		
	1893 Mar. 7. }	FIDLER, ALFRED	Borough Engineer, Northampton.
	1905 Feb. 21. }		
t ✱	1880 Jan. 13.	FIDLER, Prof. THOMAS CLAXTON	Sea-Lawn, Ventnor, I.W. [S.W.
	1891 Feb. 3.	FIELD, GEORGE ROBERT MOYLE	H. S. King & Co., 9 Pall Mall,
	1900 Feb. 6. }	*FIELD, MICHAEL BIRT	{ Nancekuke, Bearsden, Dumbarton- shire.
	1911 Feb. 14. }		
	1886 Feb. 2.	FIELDING, JOHN	Athus Works, Gloucester.

Date of Election and of Transfer.		MEMBERS.	
1885 Feb. 3.	FINCHAM, JAMES	Lindisfarne, Tasmania.	
1886 Feb. 2.	*FINNIMORE, BENJAMIN KINGTON	{ Berwick, The Avenue, Sherborn Dorset.	
1914 Feb. 10.			
1911 Dec. 5.	FIRTH, HAROLD WILLIAM ..	{ Electrical Engr.'s Office, G. E. Ry. Liverpool Street Station, E.C.	
1879 Dec. 2.	FITCH, BENNETT	7 Grange Road, Ealing, W.	
1884 Nov. 25.			
† { 1883 May 29.	*FITZGIBBON, GERALD	{ 30 Steeles Road, Haverstock Hill Hampstead, N.W.	
1898 Feb. 15.			
1898 Dec. 6.	FITZGIBBON, PHILIP JOHN ..	Poona, India.	
1905 Jan. 10.			
TWtm† {	*FITZMAURICE, Sir MAURICE,	{ 9 Victoria Street, S.W. (Ponle London. Victoria 47.)	
	{ C.M.G., M.A., M.A.I. (Dubl.) LL.D. (Bham) (Member of Council)		
† { 1879 Feb. 4.	FLANNERY, Sir JAMES FOR- TESCUE, Bart.	9 Fenchurch Street, E.C.	
1885 Mar. 3.			
1871 May 23.	{ FLEMING, Sir SANDFORD, K.C.M.G.	Ottawa, Canada.	
1871 Dec. 5.	{ FLOYD, WALTER COMBERMERE LEE	13 Miles Road, Clifton, Bristol.	
1885 Nov. 10.			
1890 May 20.	FOORD, HERBERT TAYNTON ..	{ Woodburn, Northlands Road, South ampton.	
1900 Jan. 30.			
1912 Apr. 23.	FOOTNER, HARRY ERLEGH ..	{ Penbedw, Llysfaen, Colwyn Bay N. Wales.	
1877 May 1.	FORBES, EDMUND BATTEN ..	134 Finsbury Pavement House, E.	
1883 May 29.	FORBES, Professor GEORGE, M.A. (Cantab.), F.R.S. ..	11 Little College Street, Westminster, S.W.	
1889 Mar. 5.			
1889 Jan. 8.	*FORD, HUGO ROBERT	{ Brazil Ry. Co., 9 Rue Louis Grand, Paris.	
1906 Dec. 4.			
1894 Mar. 6.	*FORD, THOMAS WHARTON ..	68 Victoria Street, S.W.	
1910 Apr. 26.			
1895 May 21.	FORGIE, JAMES	{ 30 Church Street, New York City U.S.	
1901 Dec. 17.			
1905 Apr. 4.	FORSTER, ALFRED LLEWELLYN	Water Co., Newcastle-on-Tyne.	
1907 Mar. 5.	{ FOSBERY, ARTHUR CHAMPAGNE WIDENHAM	Bombay Port Trust, Bombay.	
1890 Dec. 2.	FOSTER, FRANK	F. C. Oeste, Once, Buenos Aires.	
1904 Dec. 13.			
B { 1906 Dec. 4.	*FOULIS, WILLIAM	154 West George Street, Glasgow	
1914 Apr. 7.			
† { 1886 Mar. 2.	FOWLE, FULWAR CRAVEN ..	{ Deputy Chief Engr., G.I.P. Ry. Bombay.	
1905 Dec. 19.			
† { 1889 Jan. 8.	*FOWLER, ALEXANDER FAR- QUHARSON	72 Victoria Street, S.W.	
1900 Feb. 27.			
† { 1871 Feb. 7.	FOWLER, GEORGE	Basford Hall, near Nottingham.	
1877 Dec. 18.			
1887 Dec. 6.	FOWLER, THOMAS WALKER, M.C.E. (Melb.)	{ Government Offices, Hobart, T. mania.	
1902 Dec. 2.			
† { 1885 Feb. 3.	FOWLER, WILLIAM HENRY ..	{ Oakleigh, The Avenue, Ashton- Mersey, Cheshire.	
1900 Feb. 20.			
1886 Feb. 2.	*FOX, CHARLES HEYLAND ..	{ 155 Dashwood House, New Br Street, E.C.	
1900 Jan. 23.			
t † { 1860 Apr. 3.	FOX, DANIEL MAKINSON ..	9 Orme Court, Bayswater Hill,	
T t m † { 1866 Feb. 6.			
	{ FOX, Sir DOUGLAS (Past-President)	{ 56 Moorgate Street, E.C. (Tract London. Central 2901.)	
1914 Jan. 13.	FOX, EVELYN BROOK	{ co. National Bank of India, Bishopsgate, E.C.	
T S C t † { 1870 Dec. 6.	FOX, Sir FRANCIS	{ 56 Moorgate Street, E.C. (Tract London. Central 2901.)	
1874 Mar. 17.			
T t † { 1893 Dec. 5.	*FOX, FRANCIS DOUGLAS, M.A. (Cantab.)	{ 56 Moorgate Street, E.C. (Tract London. Central 2901.)	
1902 Mar. 25.			

Date of Election and of Transfer.	MEMBERS.	
1377 Jan. 16.)	*FOXLEE, WILLIAM THEODORE..	53 Victoria Street, S.W.
1884 May 27.)		
1884 Feb. 5.)	FRANCIS, HARRY	12 Lockyer Street, Plymouth.
1901 Dec. 11.)		
† { 1880 Jan. 13.)	FRANCIS, JOSEPH	{ Sunnyside, Etchingham Park Road, Church End, Finchley, N.
1883 Apr. 17.)		
1913 Mar. 11.	FRANCIS, WALTER JOSEPH ..	232 St. James Street, Montreal.
1902 Dec. 2.	FRASER, HUGH BARBON	{ c.o. Chief Engr. for Rys., Railway Dept., Brisbane, Queensland.
1873 Dec. 12.)	FRASER, JAMES.. .. .	{ 100 Castle Street, Inverness. (Fraser, Civil Engineer, Inverness.)
1883 May 22.)		
1895 May 21.)	FRASER, JAMES	{ Engineer-in-Chief for Existing Lines, Govt. Rys., Bridge Street, Sydney, N.S.W.
1897 Apr. 6.)		
1894 Jan. 9.	FRASER, SAMUEL GORDON ..	Askive, Kenmare, co. Kerry.
1904 Apr. 12.)	FRASER, WILLIAM ALEXANDER	{ N.B. Ry., Engr.'s Office, Waterloo Place, Edinburgh.
1912 Mar. 12.)		
m † { 1895 Dec. 3.)	FRECH, SIGISMUND ALFRED ..	{ Parliament Mansions, Victoria Street, S.W.
1911 Apr. 25.)		
† { 1882 Dec. 5.)	FRECHEVILLE, ROBERT JAMES	{ 544 & 548 Salisbury House, London Wall, E.C.
1889 Jan. 15.)		
1905 Dec. 5.	FREIRE, VICTOR DA SILVA ..	{ City Ch. Engr., P.O. Box 18, Sao Paulo, Brazil.
t † { 1895 Apr. 2.)	*FRIERE, FRANK HORACE.. ..	{ Engr.'s Office, M. Ry., Derby.
1905 Jan. 10.)		
1893 Dec. 5.)	FRIEND, ASTLEY PASTON ..	Waterworks, Cairo.
1902 Mar. 11.)		
† { 1878 May 7.)	*FRIEND, CHARLES ARTHUR ..	{ Hacienda de Las Aceñas, Alcala de Guadaira, Province of Seville, Spain.
1892 Jan. 26.)		
1884 May 27.	{ FROUDE, ROBERT EDMUND, C.B.. F.R.S.	{ Admiralty Experiment Works, Gos- port. (Froude, Claremont, Alver- stoke.)
1912 Jan. 9.	FRY, LAWFORD HOWARD ..	Burnham, Pennsylvania, U.S.A.
1910 Feb. 1.	FULLERTON, ROBERT ARTHUR	{ 53 Ancaster Drive, Anniesland, Glasgow.
1881 Dec. 6.)	FULTON, JAMES EDWARD ..	{ Royal Exchange Building, Welling- ton, N.Z.
1888 Nov. 20.)		
m { 1875 May 4.)	*FYSON, ALFRED	1 Victoria Street, S.W.
1884 May 27.)		
1900 Dec. 4.)	GABBETT, EDWARD	{ c.o. H. S. King & Co., 65 Cornhill, E.C.
1906 Dec. 4.)		
1886 May 18.)	GAHAN, HENRY HERBERT ..	{ c.o. Grindlay & Co., 51 Parliament Street, S.W.
1892 Apr. 26.)		
1865 Mar. 7.	{ GALBRAITH, WILLIAM ROBERT (former Vice-President)	{ 91 Finchley Road, N.W.
m { 1889 May 21.)	*GALE, CHARLES HENRY	P.W.D., Hongkong.
1913 Dec. 9.)		
1884 Feb. 5.)	GALE, ROBERT MACNISH ..	{ Water Supply Dept., Brisbane, Queensland.
1896 Dec. 15.)		
1893 Dec. 5.)	*GALE, WILLIAM MORRIS.. ..	{ 18 Huntly Gardens, Glasgow.
1903 Jan. 27.)		
† { 1891 Mar. 3.)	*GALES, ROBERT RICHARD, F.C.H.	King, King & Co., Bombay.
1904 Dec. 13.)		
† 1886 Dec. 7.	GALWEY, WILLIAM, M.A.I. (Dubl.)	{ Waterworks Co., Monte Video. Chief Engr. Dept. of Rys., P.O.
1891 Mar. 3.	GAMBLE, FRANCIS CLARKE ..	{ Drawer 728, Victoria, B.C.

Date of Election and of Transfer.		MEMBERS.	
1883 Dec. 4.	}	GANGA RAM, <i>Rai Bahadur</i> .	Lahore, India.
1888 Nov. 20.		C.I.E., M.V.O.	
1894 Dec. 4.		*GARDNER, JOHN WISHART	
1905 Dec. 19.		FAIRLIE	
1897 Dec. 7.		*GARFIELD, JOSEPH	
1913 Jan. 21.	}	GARFORTH, <i>Sir</i> WILLIAM EDWARD	Snydale Hall, near Pontefract.
✠ 1891 Mar. 3.			
1869 May 11.		GARRETT, FRANK	
1880 Dec. 21.			
1896 Dec. 1.		GARROD, JOHN REBBECK ..	
1904 Dec. 13.	}	GARROW, ROBERT GEORGE ..	English Club, Bartolome Mitre 478, Buenos Aires.
1904 Dec. 6.			
1913 Feb. 11.			
1895 Dec. 3.		GARSDIE, EDWARD	
1914 Apr. 21.			
C ✠ { 1895 Jan. 8.	}	*GASK, PERCY TILLSON	c.o. G. Gask, 41 Devonshire Place, W.
1904 Feb. 2.			
1883 Dec. 4.		GASKELL, JAMES STRANACK ..	
1892 Feb. 9.			
1868 Dec. 1.		GASKELL, THOMAS PENN ..	
1885 Dec. 15.	}	GASKIN, DONALD MACDONALD	1 Radnor Avenue, Pole Hill, Hes- wall-on-Dee, Cheshire.
1875 Mar. 2.		FORD	
1881 Nov. 29.			
1904 Dec. 6.		GASS, JOHN	
1911 Apr. 11.	}	GAUT, ROBERT EUGENE	516 East Thirty-fourth Street, Chicago, U.S. [Wick.
F 1899 Dec. 5.		GAVEY, <i>Sir</i> JOHN, C.B.	
1904 Apr. 12.		GEDDES, CHARLES DAVID ..	
1900 Apr. 3.		*GEDYE, NICHOLAS GEORGE,	
1910 Jan. 11.		B.Sc. (<i>Birmingham</i>)	
1873 Dec. 2.	}	GEOGHEGAN, HENRY THOMAS	Eversham, Stillorgan, co. Dublin.
1900 Dec. 4.		GIBB, WILLIAM DOIG	
1904 Jan. 12.		GIBBS, GEORGE	
1900 Apr. 3.	}	GIBSON, GEORGE HENRY ..	4 Boleyn Road, Pollokshields, Glas- gow.
1911 Apr. 25.			
1893 Jan. 10.		*GIBSON, GEORGE LAMBERT ..	
1903 Dec. 22.			
1891 May 5.		*GILBERT, CHARLES HUMPHREY	
1901 Feb. 12.	}	*GILBERT, THOMAS STEPHEN,	Harbour Office. Belfast.
1895 Feb. 5.		B.E. (<i>Royal</i>)	
1909 Apr. 6.			
1893 Dec. 5.		*GILBERT, WILLIAM	
1903 Dec. 22.			
	}	GILCHRIST, PERCY CARLYLE, F.R.S.	Reform Club, Pall Mall, S.W.
1884 May 6.			
1886 Apr. 6.		GILKES, GILBERT	
1892 Dec. 6.			
1911 Apr. 11.	}	GILL, FRANK	12 Beckenham Grove, Shortlands, Kent.
✠ { 1895 Jan. 8.		GILLMAN, GUSTAVE	
1904 Dec. 13.			
t ✠ 1884 Jan. 8.		GILLOTT, THOMAS	
1898 Dec. 6.		GILMOUR, DAVID	
1913 Jan. 21.	}	GISBORNE, JOHN BYRON ..	Chile Exploration Co., Chuquica- mata, <i>via</i> Antofagasta, Chile.
1897 Apr. 6.			
1896 Dec. 1.		*GIVEN, ERNEST CRANSTON ..	
1906 Feb. 13.			

Date of Election and of Transfer.		MEMBERS.	
1898 Apr. 5.	}	GLASGOW, ARTHUR GRAHAM..	38 Victoria Street, S.W.
1898 Apr. 26.			
1884 Dec. 2.			
1900 Mar. 27.			
1896 Mar. 3.		GLEIM, CHARLES OTTO	{ Engineer's Office, Gt. W. Railway, Paddington, W.
1885 Apr. 14.		GLOVER, EDWARD,	{ 21 Innocentia-Strasse, Hamburg 37, Germany.
1891 Apr. 28.		M.A., B.A.I. (<i>Dubl.</i>)	{ County Surveyor's Office, Naas, co. Kildare.
† { 1896 Jan. 14.		*GLOVER, GEORGE TERTIUS ..	{ Great Northern Railway of Ireland, Dundalk.
† { 1913 Jan. 21.			
t † { 1886 Jan. 12.		GLOVER, JAMES, M.A. (<i>Cantab.</i>)	Lowton House, Lowton, Lancs.
† { 1900 Dec. 19.			
1910 Dec. 6.		GLOVER, SAMUEL	Olive Mount, St. Anns, St. Helens,
1910 Feb. 1.		GLOVER, THOMAS	Cliff House, Norwich. [James.
† { 1888 Dec. 4.		*GLOYNE, ROBERT MAYNARD..	{ Engr.'s Office, L.C.C., Spring Gar- dens, S.W.
† { 1904 Dec. 13.			
m † { 1899 Dec. 5.		*GODFREY, CHARLES HENRY ..	Municipal Engr., Shanghai, China.
† { 1914 Mar. 10.			
1879 May 6.		*GODFREY, WILLIAM BERNARD	Beacon Hill Park, Hindhead, Surrey.
1895 Mar. 12.			
1904 Dec. 6.		GOLDMARK, HENRY	{ 270 West 94th Street, New York, U.S.A.
t † { 1879 May 27.		GOLDSMITH, ALFRED JOSEPH ..	{ Lillington, Moray St., New Farm, Brisbane, Queensland.
† { 1883 May 8.			
1906 Dec. 4.		*GOLESON, JOHN WILGESS ..	{ Res. Engr.'s Office, New Dock Works, Smith's Dock Co., Ltd., South Bank-on-Fees.
1914 Apr. 7.			
1895 Feb. 5.		GOLDWYER, JOHN EDWARD ..	{ The Havens, Little Haven, Pem- brokeshire.
1900 Apr. 3.		*GONSALVES, GEORGE	62 London Wall, E.C.
1909 Dec. 14.			
1880 Dec. 7.		*GOOCH, GEORGE	Caxton House, Westminster, S.W.
1904 Apr. 19.			
1888 Dec. 4.		*GOOD, GEORGE LACY	{ 19 Solent Road, West Hampstead, N.W.
1903 Feb. 10.			
1899 Dec. 5.		GOOD, HARRY	{ Construction Camp, South African Rys., Tzaneen, Transvaal.
1910 Apr. 26.			
1894 Dec. 4.		GOOD, RICHARD HENRY ..	Summerstown House, Cork.
1900 Jan. 30.			
1890 Mar. 4.		*GOODALL, CLARENCE NOËL ..	Robert Stephenson & Co., Darlington.
1906 Jan. 23.			
t M m † { 1887 Dec. 6.		*GOODMAN, Professor JOHN ..	The University, Leeds.
† { 1900 Jan. 23.			
1907 Mar. 5.		{ GOODMAN, WILLIAM GEORGE } TOOP	{ Electrical Engr., Municipal Tram- ways Trust, Adelaide.
1880 Jan. 13.		GOODWIN, GEORGE ABRAHAM	25 Victoria Street, S.W.
1893 Dec. 19.			
1878 Feb. 5.		GOODWIN, SINGLETON,	{ County Surveyor, Tralee, co. Kerry.
1891 Jan. 27.			
1884 Feb. 5.		GORDON, ALBERT, M.A.I. (<i>Dubl.</i>)	Gt. S. & W. Ry., Inchicore, Dublin.
1886 Dec. 7.		GORDON, WEBSTER BOYLE, C.I.E.	Ereildreme, Britstown, C.P., S. Africa.
1901 Dec. 11.			
S † { 1897 Apr. 6.		*GORE, WILLIAM	{ Ransome & Sons Machinery Co., Brunswick House, Westminster S.W.
† { 1911 Mar. 14.			
1898 Dec. 6.		GORHAM, JOHN MARSHALL ..	Drove House, Singleton, Sussex.
1898 Mar. 1.		GOTT, CHARLES HENRY	37 Manor Row, Bradford.
1906 Mar. 27.			
1884 Apr. 1.		GOTTO, FRANK	{ 228 Dashwood House, New Broad Street, E.C.
1890 Nov. 11.			
1882 May 2.		GOULD, ROBERT	Pinecroft, Pyrford, Woking.
1903 Dec. 22.			

Date of Election and of Transfer.		MEMBERS.
1892 Jan. 12.		
1914 Apr. 21.		GOULDEN, THOMAS { Chief Engr., Gas Light and Coke
† (1891 Feb. 3.)		GOUMENT, CHARLES ERNEST } Co., Horseferry Road, S.W.
† (1907 Apr. 9.)		VERE, C.S.I. } 5 Carlton Road, Ealing, W.
† (1866 May 15.)		
† (1877 Dec. 11.)		GOWER, CHARLES FOOTE .. Nova Scotia House, Ipswich.
F 1899 Mar. 7.		GRACIE, ALEXANDER, M.V.O. Fairfield Works, Govan, Glasgow.
† (1891 Dec. 1.)		
† (1897 Dec. 21.)		GRAHAM, JOHN G.I.P. Ry., Manmad, India.
1896 May 19.		GRAHAM, WILLIAM VAUX .. { 5 Queen Anne's Gate, S.W. (Grul-
		lator, London. Victoria 556.)
1907 Apr. 9.		*GRANT, JOHN BURLINSON .. { 2 Durham Terrace, Westbourne
		Gardens, W.
1875 Dec. 7.		*GRANT-DALTON, ALAN } Arundel, Rondebosch, Cape Colony.
1884 Mar. 25.		(former Member of Council)
1881 Feb. 1.		
1890 May 20.		*GRANT-DALTON, MALCOLM .. Downlands, Sway, Hants.
1874 Jan. 13.		
1886 Apr. 6.		GRANTHAM, RICHARD FUGE .. { 5 Little College Street, Westminster,
		S.W.
1870 Apr. 5.		
1906 Jan. 9.		*GRAVELL, DAVID { 6 Queen Anne's Gate, S.W.
		(Victoria 481.)
1886 Jan. 12.		
1904 Feb. 2.		GRAY, ANDREW PATON { Highclere, Westfield Terrace, Aber-
		deen.
1888 Feb. 7.		GRAY, THOMAS Underhill, Port Talbot, S. Wales.
1890 Dec. 2.		
1906 Feb. 20.		*GREATOREX, ALBERT DANIEL Town Hall, West Bromwich.
1887 Apr. 5.		
1908 Jan. 14.		*GREEN, GEORGE Town Hall, Wolverhampton.
1889 Apr. 2.		
1907 Mar. 12.		*GREEN, ROBERT { 37 Waterloo Street, Birmingham.
		(Central 4450.)
1876 Mar. 7.		GREENBANK, HENRY 81 Lansdowne Road, Bournemouth.
1897 Feb. 2.		*GREENHOUGH, FREDERICK } Nigerian Ry., Ebute Mettu, S.
1911 Apr. 11.		HARRY } Nigeria.
1887 Mar. 1.		{ GREENWELL, GEORGE CLEMENT- } Poynton, Cheshire.
		SON }
1904 Mar. 1.		GREENWOOD, HENRY SMITH .. { Asst. Chief Engr., Canadian North-
		ern Ry., Toronto Street, Toronto.
1878 May 7.		
1904 Mar. 29.		*GREENWOOD, WILLIAM 28 Bayswater Road, Sydney, N.S.W.
1914 Mar. 3.		
† (1876 Dec. 5.)		*GRESLEY, HERBERT NIGEL .. Avenue House, Doncaster.
† (1902 Dec. 16.)		GRIBBLE, THEODORE GRAHAM } R.E.T. Construction Co., Finsbury
		Pavement House, E.C.
1893 Jan. 10.		
1895 Feb. 12.		GRIERSON, THOMAS BENJAMIN } Pennard Mansions, Shepherd's Bush,
		W.
1897 Jan. 12.		*GRIERSON, WILLIAM WYLIE .. { G. W. Ry., Engineer's Office,
		Paddington, W.
† (1893 Dec. 5.)		
† (1911 Feb. 14.)		GRIFFIN, ALBERT EDWIN .. Leigh & Orange, Hong Kong.
1894 May 1.		
1900 Jan. 23.		GRIFFIN, THOMAS ROBERT .. Lisrona, Kilkee, co. Clare.
† (1877 Dec. 4.)		
† (1883 May 29.)		GRIFFITH, Sir JOHN PURSER } Rathmines Castle, Rathmines,
		(Member of Council) Dublin.
† (1892 Jan. 12.)		
† (1901 Dec. 11.)		GRIFFITH, PERCY { 20 Victoria Street, S.W. (Colenga,
		London. Victoria 5913.)
1893 Dec. 5.		
1905 Feb. 28.		*GRIFFITHS, ANDRÉ PIERRE, } 781-2 Salisbury House, London
		B.Se. (Paris) Wall, E.C.
1914 Apr. 7.		GRIFFITHS, GRIFFITH JOHN .. 22 Vanbrugh Park, Blackheath, S.E.
1894 Dec. 4.		
1909 Apr. 27.		GRIFFITHS, HARRY DENIS .. { Tronoh Mines, Ltd., Batu Gajah,
		Perak, F.M.S.
1888 Feb. 7.		
1897 Dec. 7.		GRIFFITHS, THOMAS { Water & Sewerage Dept., Pitt St.,
		Sydney, N.S.W.

Date of Election and of Transfer.		MEMBERS.
1886 Dec. 7.		*GRIMLEY, SAMUEL SLATER .. Council Offices, Hendon, N.W.
1911 Apr. 25.		
1898 Dec. 6.		GRIMSHAW, CONWAY OSBORNE {
1905 Feb. 7.		Westminster Electric Supply Corpora- tion, Ltd., Eccleston Place, S.W.
1888 Dec. 4.		e.o. St. Stephen's Club, Westminster, S.W.
1893 Feb. 28.		GRIMSHAW, JAMES WALTER .. {
1902 Dec. 2.		Civil Engineer Adviser to Director of Ordnance Factories, 6 Esplanade Row, Calcutta.
1913 Apr. 29.		*GRIMSTON, FRANCIS SYLVESTER {
1897 Dec. 7.		GRIMSTON, GEORGE SYLVESTER 4 Glenluce Road, Blackbeath, S.E.
1892 Dec. 6.		GRINLING, ARTHUR JAMES .. {
1883 Mar. 6.		GROTHE, ALBERT 10 Pelham Road, Sherwood Rise, Nottingham.
1889 Dec. 3.		*GROVE, FRANK {
1901 Mar. 26.		Canton-Kowloon Ry., Canton, China [via Siberia].
1875 Mar. 2.		GROVES, HERBERT 11 Grimston Gardens, Folkestone.
1883 Jan. 9.		GROVES, LEVY JOHN Crinan Canal, Ardrishaig, N.B.
1889 Jan. 8.		
1915 Mar. 11.		
1884 Apr. 1.		*GRÜNEWALD, JORGE RADE- MAKER
1896 Dec. 1.		*GULLAN, HECTOR FREEMAN .. Supt. of Works, City Hall, Belfast.
1912 Mar. 12.		
1883 Dec. 4.		*GUPPY, THOMAS RICHARD .. 75 Via Genaro Serra, Naples.
1892 Dec. 6.		GUTHRIE, JAMES KENNETH .. South View, Gainford, Darlington.
1903 Feb. 10.		
1856 Feb. 5.		GWYNNE, JAMES EGLINTON {
1870 Apr. 26.		ANDERSON Folkington, Polegate, Sussex.
1906 Feb. 6.		GWYTHER, HARRY EARLSTON {
		Leopoldina Railway, Caixa 291, Rio de Janeiro.
1893 Dec. 5.		{ HACKETT, EDWARD AUGUSTUS. M.E. (Royal) } Court House, Clonmel, co. Tipperary.
1887 Mar. 1.		{ HADFIELD, S ^r ROBERT ABBOTT, F.R.S. (former Member of Council) } 22 Carlton House Terrace, S.W.
1896 Jan. 21.		*HADOW, FREDERICK AUSTEN .. {
1901 Apr. 2.		North-Western Ry. Offices, Lahore, Punjab.
1911 Jan. 10.		
1892 Dec. 6.		HAHN, DANIEL MEINERTS .. Port of Spain, Trinidad.
1908 Feb. 11.		
1900 Mar. 6.		{ HAIGH, ARTHUR HARRY, B.Sc. (Victoria) } Ship Canal, St. Catherines, Ontario.
1879 Feb. 4.		*HALES, WILLIAM PRIOR Railway, Launceston, Tasmania.
1891 Dec. 15.		
1892 Dec. 6.		HALL, HARRY 34 Victoria Street, S.W.
1913 Feb. 11.		
1894 Feb. 6.		HALL, THOMAS ANDREW, B.A. {
1906 Jan. 9.		B.E. (Royal) } Office of the Govt. Engr., Newfound- land.
1858 Dec. 7.		*HALL, WILLIAM {
1881 Feb. 22.		70 Antrim Mansions, Antrim St., Hampstead, N.W.
1905 Dec. 5.		HALL, WILLIAM COMPTON .. {
		Bridgmaster, County Office, Preston.
1912 Jan. 9.		HALL-BROWN, EBENEZER .. {
1905 Jan. 10.		HALLIDY, ROBERT JAMES, {
1914 Apr. 21.		B.A., B.E. (Royal) } Cawnpore-Banda Ry., e.o. Manager, O. and R. Ry., Lucknow, India.
1871 May 2.		HALPIN, DRUITT 45 Harvard Road, Gunnersbury, W.
1880 Feb. 27.		

Date of Election and of Transfer.		MEMBERS.	
1895 Dec. 3.	1905 Mar. 28.	*ILAMER, WILLIAM HENRY ..	{ Engr.'s Office, Harbour Board, Auckland, N.Z.
1907 Mar. 5.		HAMILTON, ANDREW	19 James Street, Liverpool.
✠ 1884 Feb. 5.		{ HAMMERSLEY-HEENAN, ROBERT .. HENRY	{ c.o. Hudleston & Vigers, 38 Victoria Street, S.W.
1898 Dec. 6.		HAMMOND, ROBERT	64 Victoria Street, S.W.
1875 Mar. 2.			
1884 Jan. 2.		HAMMOND, WALTER JOHN ..	The Grange, Knockholt, Sevenoaks.
1889 May 7.			
1906 Dec. 18.		HANCOCK, WILLIAM JOHN ..	P.W.D., Perth, West Australia.
✠ 1885 Dec. 1.		HANN, EDMUND MILLS	Aberaman, Aberdare.
1887 May 3.			
1897 Mar. 29.		*HANNA, SAMUEL	Carrick, Esher, Surrey.
1893 Feb. 7.			
1909 Feb. 9.		HANNING, THOMAS	{ 2 Collingwood Street, Newcastle-on- Tyne.
✠ 1877 May 29.		HANSON, CHARLES RASTRICK, ..	4 Pencester Road, Dover.
1885 Feb. 3.		{ I.S.O.	
1904 Dec. 6.		HARDCASTLE, HUGH ROBERT ..	Erith Slipway, Erith.
1887 May 24.			
1891 Jan. 13.		HARDING, JOHN REGINALD ..	Sellarsbrook, Monmouth.
t m ✠ 1872 Mar. 5.		*HARDING, JOSIAH	Casilla 1825, Santiago, Chile.
1877 Apr. 17.			
1903 Feb. 3.		HARDING, WILLIAM JOSHUA ..	{ 42 Kempshott Road, Streatham Common, S.W.
			Moir's Chambers, St. George's Terrace, Perth, Western Aus- tralia.
1884 Dec. 2.		*HARGRAVE, HENRY WILLIAM	
1896 Jan. 28.			
1886 Apr. 6.		*HARGRAVE, JOSHUA HARRISON, ..	G.N. Ry., Amiens Street, Dublin.
1904 Mar. 29.		{ B.A. (Queen's)	
1909 Feb. 2.		HARLAND, HENRY PEIRSON ..	{ Harland & Wolff, Ltd., Queen's Island, Belfast.
1898 Dec. 6.		HARMAN, EDWARD ALFRED ..	Gas Department, Huddersfield.
✠ 1886 Dec. 7.		HARPER, WALTER ANDREW ..	13 St. Helen's Place, E.C.
1906 Jan. 23.			
1881 May 31.		HARFUR, WILLIAM	197 Severn Road, Cardiff.
1888 Nov. 27.			
1906 Feb. 6.		{ HARRINGTON, JOHN LYLE, B.Sc., .. B.A. (Kansas)	{ 608 New Nelson Building, Kansas City, Mo., U.S.A.
✠ 1890 May 6.		HARRIOTT, GEORGE MOSS, ..	Nagpur, C.P., India.
1901 Apr. 2.		{ C.S.I., C.I.E.	
1874 Dec. 1.			
1882 Feb. 28.		HARRIS, EDMUND LEGH	Odessa, Russia.
1895 Dec. 3.			
1905 Apr. 11.		HARRIS, JOHN PARKER	{ L.C.C. Engr.'s Dept., Spring Gardens, S.W.
1889 Dec. 3.			
1905 Mar. 21.		*HARRISON, ARTHUR	Town Hall, Walworth Road, S.E.
		{ HARRISON, CHARLES .. AUGUSTUS, D.Sc. (Durham) .. (Member of Council)	{ N.E. Ry., Newcastle-on-Tyne.
✠ 1877 Apr. 10.			
✠ 1892 Dec. 6.		HARRISON, JOHN ERNEST ..	160 Hope Street, Glasgow.
1896 May 5.			
1892 Jan. 12.		*HARRISON, JOHN FREDERICK ..	45 John Street, Glasgow.
1902 Dec. 16.			
✠ 1900 Feb. 6.		HARRISON, JOSEPH HUTCHINSON	2 Exchange Place, Middlesbrough.
1913 Apr. 1.		*HART, GEORGE ADAM	26 Great George Street, Leeds.
1870 May 3.		HART, JOHN HENRY EUSTACE	H. S. King & Co., 65 Cornhill, E.C.
		{ HARTLEY, Sir CHARLES, .. K.C.M.G., F.R.S.E. (former Member of Council)	{ 26 Pall Mall, S.W.
T t WSCm ✠ 1856 Dec. 2.			
1862 Apr. 1.			
1899 Dec. 5.		*HARVEY, HERBRAND	{ c.o. S. Pearson & Son, Ltd., 10 Victoria Street, S.W.
1912 Apr. 2.			
1890 May 6.			
1910 Jan. 11.		HARVEY, JOHN BROWN	{ Transcontinental Railway, Ottawa, Canada.

	Date of Election and of Transfer.	MEMBERS.	
t	† { 1880 Dec. 7. } 1910 Mar. 15. }	HARVEY, Sir ROBERT	Dundridge, Totnes, S. Devon.
	1892 Dec. 6. }	HARVEY, ROBERT FALKLAND ..	29 Holywell, Oxford.
	1907 Mar. 12. }		
	† { 1873 Apr. 1. } 1908 Jan. 14. }	HARVEY, THOMAS FLETCHER ..	Merthyr Tydfil.
S t	1890 May 6. }	HASSARD, CHARLES	Durban Club, Durban, Natal.
	1912 Jan. 9. }		
	1884 Feb. 5. }	*HASSELL, LLOYD	Ry. Dept., Brisbane, Queensland.
	1902 Feb. 11. }		
F	† { 1895 Dec. 3. } 1901 Feb. 5. }	HATCH, FREDERICK HENRY, } Ph.D. (<i>Bonn</i>) }	15 Copse Hill, Wimbledon, S.W.
	† { 1899 Dec. 5. } 1903 Dec. 22. }	HATCH, WILLIAM THOMAS ..	Metropolitan Asylums Board, Embankment, E.C.
	1914 Apr. 7. }	HATTON, GEORGE	Round Oak Iron and Steel Works, Brierley Hill.
	/ { 1883 May 1. } 1904 Dec. 13. }	HAUGHTON, WALTER RALEIGH	110 Argyle Road, Ealing, W.
t	1902 Dec. 2. }	HAWDON, WILLIAM	Upsall Grange, Nunthorpe, Yorks.
	† { 1879 May 6. } 1889 Nov. 15. }	HAWGOOD, HARRY	H. W. Hellman Building, Los Angeles, Cal., U.S.
	† { 1897 Apr. 6. } 1906 Dec. 4. }	*HAWKINS, PERCY	Under Secretary, Public Works, Simla, India.
	1893 May 2. }	HAWKINS, RUPERT SKELTON	Assam-Bengal Ry., Chittagong, Bengl.
W m	† { 1867 Feb. 5. } 1874 Mar. 10. }	{ HAWKSHAW, JOHN CLARKE, } M.A. (<i>Cantab.</i>) (<i>Past-President</i>) }	Millbank House, Westminster, S.W.
	† 1867 May 21. }	{ HAWKSLEY, CHARLES (<i>Past-President</i>) }	Caxton House, Westminster, S.W.
	1897 Apr. 6. }	HAWKSLEY, KENNETH PHIPSON	Caxton House, Westminster, S.W.
	1903 Jan. 13. }		
W t	† { 1892 May 3. } 1895 Jan. 8. }	HAY, DAVID	9 Iddesleigh Mansions, Caxton Street, Westminster, S.W.
	1897 Apr. 6. }	HAY, JOHN ANGUS	c/o. Dick, Kerr & Co., Ltd., Abchurch Yard, Cannon Street, E.C.
	1913 Apr. 8. }		
	† { 1881 Mar. 1. } 1885 Feb. 24. }	HAY, ROBERT	Water Street, Dunedin, N.Z.
	1883 Apr. 3. }	HAYES, EDWARD	Stony Stratford.
	1892 Nov. 8. }		
	1904 Jan. 12. }	HAYES, GEORGE PATRICK, } B.A., B.E. (<i>Royal</i>) }	H.M. Dockyard, Devonport.
	1907 Mar. 12. }	HAYWARD, THOMAS WILLIAM } ALFRED }	Boro' Surveyor, Town Hall, Battersen, S.W.
	1902 Dec. 2. }		
	1910 Jan. 18. }	*HEAD, BENJAMIN WRIGHTSON, } M.A. (<i>Cantab.</i>) }	47 Victoria Street, S.W.
	1900 Dec. 4. }		
	1913 Dec. 9. }	HEAD, RAY DOUGLAS THEO- } DORE }	Kingsway House, Kingsway, W.C.
	1894 Dec. 4. }		
	1903 Dec. 22. }		
	† 1884 Dec. 2. }	HEARSON, THOMAS ALFRED, R.N.	22 Southampton Buildings, Chancery Lane, W.C.
	1898 Dec. 6. }	HEATH, ASHTON MARLER ..	Crown Agents' Office, Whitehall Gardens, S.W.
t	1914 Apr. 21. }		
	† { 1892 Jan. 12. } 1905 Dec. 19. }	HEATHER, HENRY JAMES SHED- LOCK, B.A. (<i>Oxon.</i>) }	South African School of Mines and Technology, P.O. Box 1176, Johannesburg.
	1891 Apr. 7. }	HEATLIE, ARTHUR, B.A. (<i>Cantab.</i>)	Meloustan, Ceres, Capo of Good Hope.
	1904 Dec. 13. }		
m	1893 Jan. 10. }	*HEATON-ELLIS, SYDNEY THOMAS } EDWARD }	65 Dukes Avenue, Muswell Hill, N.
	1908 Apr. 7. }		
	† { 1886 Dec. 7. } 1912 Apr. 30. }	*HEBBLETHWAITE, FRANK HIRST	Caixa 1697, Rio de Janeiro, Brazil.
	1900 Apr. 3. }	HECKFORD, HARLEY	Council Offices, High St., Poplar, E.
	1912 Jan. 9. }		

	Date of Election and of Transfer.	MEMBERS.	
	1896 Dec. 1. 1911 Mar. 14.	HECTOR, WILLIAM	{ District Engr., State Rivers and Water Supply Commission, Tatura, Victoria.
m +	{ 1864 Jan. 12. 1868 Dec. 18.	HEDERSTEDT, HENRY BURDETT	{ Twyford Lodge, Southlands Road, Bickley.
t m +	{ 1876 Mar. 7. 1884 Dec. 23.	*HEDGES, KILLINGWORTH ..	{ 10 Cranley Place, South Kensington, S.W.
	1901 Apr. 2.	HEDRICK, IRA GRANT	{ 309 Keith & Perry Building, Kansas City, Mo.
	1879 Dec. 2. 1886 Feb. 16.	HEENAN, GEORGE FREDERIC HAMMERSLEY	{ 3 Peafield, Blackrock, co. Dublin.
C +	{ 1872 Feb. 6. 1876 Mar. 21.	HEENAN, HAMMERSLEY	{ 4 Chapel Walks, Manchester.
W t M +	{ 1880 Dec. 7. 1887 Apr. 5.	*HELE-SHAW, HENRY SELBY, D.Sc. (<i>Bristol</i>), LL.D. (<i>St. Andrews</i>), F.R.S.	{ 64 Victoria Street, S.W. (Hele- shawce, London. Victoria 1291.)
	1885 May 19. 1896 Dec. 22.	*HELLINS, HENRY HERBERT ..	{ 59 Newlands Park, Sydenham, S.E.
	1905 Feb. 7.	HELLMANN, FREDERICK ..	{ Chile Exploration Co., Chuquica- mata, <i>via</i> Antofagasta, Chile.
	1889 Dec. 3. 1900 Mar. 27.	HELPS, JAMES WILLIAM	{ Gasworks, Croydon.
	1894 Dec. 4. 1899 Dec. 12.	HENDERSON, BRODIE HALDANE	{ 14 South Place, Finsbury, E.C.
m +	{ 1866 Mar. 6. 1874 Nov. 24.	HENDERSON, DAVID MARR ..	{ Victory House, Kingsway, Hove.
	1880 Dec. 7. 1884 Nov. 4.	HENDERSON, JOHN BAILLIE ..	{ Hydraulic Engr., Brisbane, Queens- land.
+ +	{ 1893 Dec. 5. 1903 Apr. 7.	HENDERSON, ROBERT	{ 2 St. Andrew Square, Edinburgh.
	1869 Jan. 12. 1882 Mar. 21.	HENNEL, THOMAS	{ Parliament Mansions, Victoria Street, S.W. (Victoria 2544.)
	1881 Dec. 6. 1906 Jan. 9.	*HENRIQUES, CECIL QUIXANO, <i>It.</i> <i>Col. 1st Middx. R.E. Vols., ret.</i>	{ 15 Victoria Street, S.W.
	1905 Mar. 7. 1902 Jan. 14.	HENSHAW, ALBERT MAYON ..	{ Talk o' th' Hill, Stoke-on-Trent.
	1911 Apr. 25.	*HENTY, MAURICE WALTER ..	{ Topham, Jones & Railton, Ltd., Singapore. S.S.
+ +	{ 1889 May 7. 1899 Mar. 28.	HENZELL, CHARLES GEORGE ..	{ Waterworks Engr., Municipal Bldgs., Leeds.
	1877 Mar. 6. 1889 Nov. 26.	HEPWORTH, JOSEPH	{ Buccleuch Street Works, Edinburgh.
	1893 Mar. 7. 1905 Dec. 19.	HERBERT, DAVID WILLIAM ..	{ St. Denys, Lisvane, Cardiff.
	1897 Dec. 7. 1906 Jan. 23.	HERDMAN, GEORGE WALTER, M.A., B.Sc. (<i>Edin.</i>)	{ P.W.D., Pretoria, Transvaal.
	1883 May 29. 1886 Nov. 16.	HERING, RUDOLPH D.Sc. (<i>Pennsylvania</i>)	{ 170 Broadway, New York, U.S.
	1912 Apr. 23.	HERON, JAMES, B.E. (<i>Royal</i>) ..	{ County Courthouse, Downpatrick co. Down.
	1901 Apr. 23.	HERRING, WALTER RALPH ..	{ Palace Chambers, Bridge Street Westminster, S.W.
	1890 Dec. 2. 1880 May 4.	HERSCHEL, CLEMENS	{ 2 Wall Street, New York, U.S.
	1893 Nov. 14.	*HESKETH, EVERARD	{ Dartford Ironworks, Kent.
	1885 May 19. 1896 Nov. 16.	HESLOP, THOMAS HIND BLUMER	{ County Surveyor, Norwich.
	1901 Apr. 2. 1913 Mar. 11.	*HETHERINGTON, ROGER GAS- KELL, M.A. (<i>Cantab.</i>)	{ Local Government Board, White- hall, S.W.
	1900 Dec. 4. 1910 Jan. 11.	*HEWETT, BERTRAM HENRY MAJENDIE	{ Jacobs & Davies, 30 Church Street, New York City, U.S.
	1883 May 1. 1892 Nov. 8.	HEYLAND, HERBERT KYFFIN	{ Glenock, Mulgrave Road, Sutton, Surrey.

	Date of Election and of Transfer.	MEMBERS.	
	1896 Dec. 1.	*HICKSON, GEORGE FORSTER ..	P.W.D., Perth, Western Australia.
	1912 Jan. 9.	1874 Feb. 3. } HICKSON, ROBERT ROWAN PUR-	
	1876 Feb. 8. }	DON, I.S.O. }	Belcoo, Lindfield, Sydney, N.S.W.
	1887 May 24.	HIDE, WILLIAM SEYMOUR ..	Beechwood, Cottingham, E. Yorks.
	1902 Dec. 2.	HIGGINS, GEORGE }	Engineering School, The University, Melbourne, Victoria.
+	1888 Dec. 4.		
	1895 Jan. 22.	*HIGHT, DAVID JOHN	63 Pembroke Crescent, Hove, Sussex.
	1890 Feb. 4.		
	1905 Jan. 21.	*HIGHT, ROBERT SWAN }	
	1884 Dec. 2. }	(Member of Council) }	East Indian Ry., Culeutta.
	1904 Dec. 13. }		
+	1905 Mar. 7.	HIGHFIELD, JOHN SOMERVILLE	16 Stratford Place, W. [rington.
	1901 Mar. 5.	HIGSON, CHARLES HUGH ..	The Chestnuts, Helsby, via War-
	1878 Dec. 3.	HIGSON, JACOB }	18 Booth Street, Manchester. (Mining, Manchester. 1034.)
/	1902 Apr. 8.	*HILDAGE, HENRY THOMAS ..	20 St. Mary's Road, Higher Crump-
	1909 Apr. 27.		sall, Manchester.
W C m +	1888 May 15.	*HILL, ALFRED JOHN	Pynes, Woodford Green.
	1910 Feb. 8.		
t +	1884 Jan. 8.	*HILL, ARTHUR, C.I.E., F.C.H.	H. S. King & Co., 65 Cornhill, E.C.
	1905 Dec. 19.		
	1887 Feb. 1.	HILL, ARTHUR EDMUND BRETON, }	British Columbia Electric Railway
	1891 Nov. 3. }	B.A.Sc. (McGill) }	Co., Ltd., Vancouver, B.C.
	1891 Dec. 1.		
+	1894 Jan. 16.	HILL, ERNEST PRESCOT	3 Victoria Street, S.W.
	1905 Dec. 5.	HILL, ERNEST ROWLAND ..	{ Pennsylvania Station, New York City, U.S.
T t +	1872 Feb. 6.	{ HILL, GEORGE HENRY	3 Victoria Street, S.W. (Thirlspot,
		{ (former Vice-President) ..	London.)
	1897 Feb. 2.	HILL, HARRY PRESCOT	{ Albert Chambers, Albert Square,
	1903 Mar. 31. }		Manchester.
	1887 Dec. 6.	HILL, HENRY ASHTON	{ Hermitage Road, Edgbaston, Bir-
	1896 Feb. 4. }		mingham.
	1875 Dec. 7.	HILL, HENRY ELLIS	9 Victoria Street, S.W.
	1890 Apr. 22.	HILL, JAMES NINIAN	43 Rosemont Road, Acton, W.
	1877 Dec. 4.	HILL, LUKE MULLOCK, }	
+	1883 May 29. }	B.E. (Queen's) }	6 Imperial Square, Cheltenham.
	1901 Feb. 12. }		
	1908 April 7.	HILL, WALTER WELLESLEY ..	{ The Harbour of Refuge, Works, Peterhead, N.B.
	1896 Dec. 1.	HILLER, EDWARD GEORGE ..	{ National Buildings, St. Mary's
	1901 Feb. 19. }		Parsonage, Manchester.
	1893 Feb. 7.	*HINDE, WILLIAM HENN	{ Lincoln Chambers, Lincoln Place,
	1907 Jan. 15. }		Dublin.
	1897 Jan. 12.	*HINDLE, ARTHUR }	44 Abingdon Street, Blackpool.
	1912 Apr. 2. }		(159.)
	1900 Dec. 4.	*HINDLEY, CLEMENT DANIEL	11 Pembroke Mansions, Moscow
	1911 Jan. 10.	MAGGS, M.A. (Cantab.) ..	Road, Bayswater, W.
	1902 Apr. 8.	HINDMARSH, RALPH FREDERICK	{ Engr's Office, Tyne Improvement
	1912 Apr. 2. }		Commission, Newcastle-on-Tyne.
	1889 Jan. 8.	*HINNELL, HENRY LEONARD ..	41 Corporation Street, Manchester.
	1896 Jan. 21.		
	1907 Dec. 3.	HITCHCOCK, CYRIL	3 Victoria Street, S.W.
	1910 Jan. 11.		
	1893 May 16.	HOARE, ARTHUR }	{ John Birch & Co., Ltd., 2 London
	1904 Jan. 26. }		Wall Buildings, E.C.
	1879 Feb. 4.	HOARE, EDWARD ARTHUR ..	Lake St. John Ry., Quebec, Canada.
	1895 Feb. 26.	HOBART, HENRY METCALF ..	{ General Electric Co., Engineering
	1907 Feb. 5. }		Dept., Schenectady, New York,
	1891 Dec. 1.	*HOBBS, CHARLES JAMES ..	Hydraulic Eng. Co., Chester. [U.S.
	1909 Apr. 27. }		

Date of Election and of Transfer.		MEMBERS.	
t *	{1888 Dec. 4. 1906 Dec. 18.}	*HOBBS, GEORGE	{Resident Engr., Gold Coast and Sierra Leone Government Har- bours, Accra, West Africa.
S t t *	{1883 May 1. 1885 Dec. 15.}	HOBSON, GEORGE ANDREW ..	{Coverdale Lodge, King's Road, Richmond, Surrey.
	1886 May 4.	{HOBSON, JOSEPH (former Member of Council)}	Grand Trunk Ry., Montreal, Canada.
*	{1891 May 5. 1899 Nov. 28.}	*HODGE, HENRY WILSON	149 Broadway, New York, U.S.
	1906 Jan. 9.	{HODGE, ROWLAND FREDERIC WILLIAM}	Howdon-on-Tyne.
	1897 Apr. 6.	*HODSON, FREDERIC WALTER ..	G. & F. W. Hodson, Loughborough.
	1906 Mar. 20.	HODG, CHARLES PULLAB ..	{14 Blythswood Square, Glasgow. (Crouch, Glasgow.) [Sweden.
	1878 Feb. 5.	HÖK, CHRISTOPHER WILHELM	17 Aschebergsgatan, Gothenburg,
	1902 Jan. 14.	HOLBROOK, ELLIOT	{Room 1011, Union Pacific Building, Omaha, Nebr., U.S.A.
t *	{1882 Feb. 7. 1887 May 24.}	HOLDEN, JAMES	72 Hermon Hill, Wanstead, Essex.
T t *	{1893 May 2. 1898 Nov. 29.}	HOLGATE, THOMAS	61 Calton Road, Dulwich, S.E.
	1880 Feb. 3.	*HOLME, CHARLES HENRY ..	Rathburne, Duns, N.B.
	1896 Feb. 25.	HOLMES, ARTHUR BROMLEY,}	2 Princes Gate East, Liverpool.
	1880 Mar. 2.	M.Eng. (Liverpool)}	
	1888 Mar. 6.	HOLMES, EDWARD	16 St. James' Street, Sheffield.
	1888 Dec. 4.	1913 Apr. 8.	{Wellburn, Jesmond, Newcastle-on- Tyne.
	1884 Jan. 8.	*HOLMES, JOHN HENRY}	
	1897 Mar. 2.	*HOLMES, JOHN LLEWELLYN ..	Port Trust, Rangoon, Burma.
*	{1899 Jan. 10. 1907 Feb. 12.}	HOLMES, ROBERT WEST	P.W.D., Wellington, N.Z.
	1887 Feb. 1.	1897 Jan. 19.	8 Lawn Road, Hampstead, N.W.
	1897 Apr. 6.	*HOLMES à COURT, Hon. HENRY}	
	1910 Apr. 26.	WORSLEY}	6 Sussex Square, Hyde Park, W.
	1895 Jan. 8.	*HOLT, FOLLETT	
	1901 Feb. 26.	1900 Dec. 4.	Trinity House, Tower Hill, E.C.
	1900 Dec. 4.	*HOOD, DAVID WILSON	
	1910 Dec. 20.	*HOOLEY, EDGAR PURNELL ..	{County Surveyor, Shire Hall, Not- tingham.
*	{1886 Dec. 7. 1906 Jan. 23.}	HOOPER, EDWARD	3 London Wall Buildings, E.C.
	1891 Dec. 1.	1907 Apr. 9.	Local Government Board, S.W.
	1890 Feb. 4.	*HOOPER, HERBERT ROSS,}	
	1903 Dec. 22.	M.A. (Oxon.)}	29 Storeton Road, Birkenhead.
	1899 Apr. 11.	*HOPE, ALARIC	
	1908 Apr. 7.	1892 Apr. 5.	{46 Queen Victoria Street, E.C. (Central 5500.)
	1892 Apr. 5.	HOPKINS, WALTER BERNARD ..	
	1900 Feb. 20.	{HOPKINSON, Professor BERTRAM, M.A. (Cantab.), B.Sc. (Lond.), F.R.S.}	Engineering Laboratory, Cambridge.
T W *	1904 Dec. 6.	HOPKINSON, CHARLES, B.Sc. (Victoria)}	
t *	{1882 Dec. 5. 1888 Jan. 24.}	HOPKINSON, EDWARD, M.A. (Cantab.), D.Sc. (Lond.), (Member of Council)}	Ferns, Alderley Edge, Cheshire.
S t *	{1885 Jan. 13. 1890 Nov. 11.}	*HOPKINSON, FREDERICK THOMAS	
	1889 May 7.	1907 Feb. 12.	{4 Pery Square, Limerick. (Kestrel, Limerick. 176.)
	1880 Jan. 13.	HORAN, JOHN, M.E. (Queen's)	
	1890 Feb. 25.		

Date of Election
and of Transfer.

MEMBERS.

	1889 Apr. 2.}	HORBURY, GEORGE FRANCIS ..	Stanwell Lodge, Stanwell, Staines.
	1897 Apr. 6.}		
	1882 Apr. 4.}	HORN, DAVID BAYNE, C.I.E.,	Oriental Club, Hanover Square, W.
	1906 Feb. 27.}	F.C.H.	
	1899 Dec. 5.}		
	1901 Dec. 13.}	HOSGOOD, WALTER JAMES ..	Mashonaland Ry., Umtali, Rhodesia.
	1906 Apr. 3.}	HOUGHTON, ROBERT HAROLD,	23 Woodstock Road, Croydon.
	1912 Apr. 30.}	B.Sc. (Lond.)	
	1883 Jan. 9.}		
	1897 Nov. 30.}	*HOUGHTON, THOMAS HARRY ..	63 Pitt Street, Sydney, N.S.W.
	1891 Feb. 3.}		
	1906 Jun. 9.}	*HOWARTH, FRANK	Municipal Buildings, Plymouth.
	1896 Dec. 1.}	HOWELL, HEBER WILLIAM}	King, Hamilton & Co., Calcutta.
	1908 Mar. 10.}	HENRY	
	1909 Feb. 2.}	HOWELLS, JULIUS MERRIAM ..	{ Belvedere, Marin Co., California, U.S.A.
+	1910 Jan. 11.}	HOWKINS, JOHN DRYSDALE,	{ Port and Harbour Commission, Hartlepool.
		M.A. (Oxon.)	
+	1897 Feb. 2.}	*HOWLEY, RICHARD JOSEPH ..	{ Electrical Federation Offices, Kings- way, W.C.
	1912 Mar. 12.}		
	1897 Jan. 12.}	HOYLE, JAMES ROSSITER ..	Norfolk Works, Sheffield.
	1884 Feb. 5.}		
	1898 Mar. 22.}	HUDLESTON, FERDINAND ..	{ 38 Victoria Street, S.W. (Victoria 5853.)
	1880 May 4.}		
	1888 Jan. 17.}	HUDSON, FRANK	Peñarol, Parkstone, Dorset.
	1879 Feb. 4.}		
	1887 Jan. 25.}	HUDSON, JOHN GEORGE ..	Glenholme, Bromley Cross, Bolton.
	1904 Jan. 12.}	HUGHES, GEORGE	Wingfield, Heaton, Bolton.
	1881 May 31.}	HUGHES, JOHN SYLVESTER ..	Gwynfor, Morfa Nevin, Carmarvon-
		{ HUGHES, Sir WALTER CHARLE-	2 Queen Anne's Gate, S.W. [shire.
		TON, C.I.E.	
	1885 Jan. 13.}		
	1878 May 28.}	*HUGHES, WILLOUGHBY	Newchwang, Manchuria.
	1908 Feb. 11.}	ROCHESTER	
	1906 Dec. 4.}	*HULL, FRANCIS REGINALD ..	{ Brazil North-Eastern Rys, Ltd., Ceara, Brazil.
	1896 May 5.}	*HULL, HENRY ADIN ..	{ L. & N.W. Ry., 77 Walsgrave Road, Coventry.
	1911 Jan. 10.}		
	1894 Dec. 4.}	*HULL, PERCY WINSTANLEY ..	{ Pauling & Co., 26 Victoria Street, S.W.
	1908 Jan. 14.}		
	1914 Jan. 13.}	HUMBLE, JOSEPH	Danum House, Doncaster.
	1885 May 5.}		
	1897 Feb. 2.}	*HUMBY, ALBERT JAMES ..	{ General Manager's Office, South African Rys., Johannesburg.
	1881 May 31.}		
	1891 Dec. 8.}	HUMRY, HENRY GEORGE ..	32 Victoria Street, S.W.
W T t +	1894 Dec. 4.}	*HUMPHREY, HERBERT ALFRED	38 Victoria Street, S.W.
	1903 Apr. 7.}		
	1912 Mar. 5.}	HUMPHREY, RICHARD LEWIS ..	Philadelphia, P.A., U.S.A.
		HUMPHREYS, ALEXANDER	{ 165 Broadway, New York, U.S. (Hunghas, New York.)
	1895 Mar. 5.}	CROMBIE	
t +	1899 Mar. 7.}	*HUMPHREYS, GEORGE WILLIAM	104 Drayton Gardens, S. Kensington.
	1888 Apr. 10.}	HUMPHRYS, ROBERT HARRY ..	Hurst Lea, Sevenoaks. [ton, S.W.
+	1881 Mar. 1.}	HUNT, CHARLES	17 Victoria Street, Westminster, S.W.
	1905 Feb. 7.}	HUNT, JESSE BROOKES ..	H.M. Dockyard, Portsmouth.
	1905 Dec. 5.}	HUNT, JOHN THEODORE, B.A.,	Aligarh, United Provinces, India.
	1912 Jan. 9.}	B.A.I. (Dublin)	
	1911 Mar. 7.}	HUNT, PHILIP CHARLES HOLMES	{ 99 Queen Street, Melbourne, Vic- toria.
	1901 Mar. 5.}	HUNT, ROBERT WOOLSTON ..	The Rookery, Chicago, U.S.
t +	1895 Dec. 3.}	*HUNTER, ADAM	{ Sir W. Arrol & Co., 85 Preston Street, Glasgow.
	1909 Apr. 20.}		
	1883 Dec. 4.}		
	1908 Jan. 14.}	HUNTER, ASHLEY JOHN ..	Swanson Street, Auckland, N.Z.

Date of Election and of Transfer.		MEMBERS.
1904 Dec. 6.	{	HUNTER, GEORGE BURTON, D.Sc. (<i>Durham</i>) Wallsend-on-Tyne.
m + { 1888 Feb. 7. } 1912 Jan. 9. }	* HUNTER, GILBERT MACINTYRE	Nitrate Rys. Co., Ltd., Iquique, Chile.
+ { 1890 Feb. 4. } 1899 Nov. 28. }	HUNTER, SIDNEY HERBERT ..	11 Haringey Park, Crouch End, N.
1910 Feb. 1.	HUNTER, SUMMERS	1 Manor Terrace, Tynemouth.
1913 Jan. 14.	HUNTER, THOMAS BRIGGS ..	H.M. Dockyard, Rosyth, N.B.
1904 Apr. 12.	HUNTER, THOMAS CHARLES ..	Superintending Civil Engineer, Admiralty, S.W.
1865 May 2. }	HUNTER, WALTER (<i>Member</i>	17 Victoria Street, S.W. (Appt.,
1878 May 14. }	<i>of Council</i>)	London. Victoria 321.)
+ 1891 May 5.	HUNTER, WILLIAM HENRY ..	Johnson's Buildings, 42 Spring Gardens, Manchester.
1868 May 19. }	HURST, WILLIAM	7 Oswald Road, Leamington.
1897 Nov. 30. }		
m + { 1879 May 27. } 1886 Mar. 16. }	* HURTZIG, ARTHUR CAMERON ..	{ 2 Queen Square Place, Queen Anne's Mansions, Westminster, S.W. (Victoria 33.)
1867 Feb. 5. }	HUTCHINS, GEORGE ALBERT ..	Clive House, Welshpool, North Wales.
1873 Dec. 23. }		
1886 Jan. 12. }	HUTCHINSON, WILLIAM,	Ry. Construction Dept., Sydney,
1891 Nov. 9. }	M.C.E. (<i>Melbourne</i>)	N.S.W.
1904 Dec. 6. }	HYDE, GEORGE HERBERT	Public Works Department, Colombo,
1913 Mar. 11. }	MACCARTHY	Ceylon.
1908 Jan. 14.	INAGAKI, HYOTARO	{ Ikegamimura Ebaragori, Tokio, Japan [<i>via</i> Siberia].
t + { 1895 May 21. } 1908 Feb. 11. }	* INGHAM, WILLIAM	{ Rand Water Board, Chief Engr.'s Dept., Johannesburg.
1897 Apr. 6.	INGHAM, WILLIAM PORRITT ..	Royal Exchange, Middlesbrough.
1905 Feb. 7.	INGLIS, JOHN, LL.D. (<i>Glas.</i>) ..	Pointhouse Shipyard, Glasgow.
1892 May 3. }	IRNSIDE, WILLIAM DALTON ..	3 Golden Square, Aberdeen.
1913 Mar. 11. }		
1896 May 5. }	IRVING, DANIEL	Gas Co., Stapleton, Bristol.
1904 Dec. 13. }		
1875 Feb. 2. }	IRWIN, HENRY, C.I.E.	Ran View, Ootacamund, Madras.
1879 Apr. 29. }		
1882 Jan. 10. }	* ISHIGURO, ISOJI	{ 2 Akasaka-Daimachi, Akasaka-Ku, Tokio, Japan [<i>via</i> Siberia].
1900 Apr. 10. }		
1891 Dec. 1.	IVATT, HENRY ALFRED	St. Clair, Hayward's Heath, Sussex.
1900 Dec. 4.	IVENS, JOHN HENRY ANDERSON	73 Dorset Road, Bexhill, Sussex.
1892 Dec. 6. }	* IVES, HARRY WILLIAM MAC-	Superintending Engr., P.W.D., Irrigation Branch, Lahore, Punjab.
1913 Dec. 9. }	LEAN	
1876 May 2. }	IZAT, ALEXANDER, C.I.E.	Springfield, Dollar, N.B.
1881 Apr. 5. }	(<i>former Member of Council</i>)	
1904 Dec. 6.	{ JACK, ALEXANDER GEORGE } MCKENZIE	Rock Hills, Brincliffe, Sheffield.
1907 Jan. 8.	* JACKSON, ARTHUR	{ Sir John Jackson, Ltd., 53 Victoria Street, S.W.
1874 Apr. 14. }	JACKSON, EDWARD	{ 45 Shooter's Hill Road, Blackheath, S.E.
1879 Dec. 23. }		
1890 Dec. 2. }	JACOB, ALBERT FRANCIS	Waterworks, Prospect, N.S.W.
1909 Jan. 12. }		
1902 Dec. 2.	JACOB, FRANCIS	Ellesdene, Westcombe Park, S.E.
1891 Dec. 1. }	{ JACOB, Sir LIONEL MONTAGUE, } K.C.S.I.	37 Queen's Mansions, Victoria Street, S.W.
T + 1885 Dec. 1.	JACOBS, CHARLES MATTATHIAS	78 Gracechurch Street, E.C.
1887 Dec. 6. }	JAMES, CHARLES CARKEET ..	{ Controller General, Main Drainage Dept., P.W.D., Cairo.
1899 Jan. 24. }		

Date of Election and of Transfer.		MEMBERS.	
f m	✱	{1901 Jan. 8.} *JAMESON, ALEXANDER HOPE,	King's College, Strand, W.C.
		{1912 Mar. 12.} M.Sc. (<i>Victoria</i>)	
		{1895 Dec. 3.} JAPP, HENRY	{S. Pearson & Son, 507 Fifth Avenue, New York, U.S.
		{1905 Feb. 21.} JAPP, HENRY	
		{1888 Dec. 4.} JAQUES, WILLIAM HENRY,	{142 Beacon Street, Boston, Mass., U.S.A.
		{1893 Mar. 7.} Captain U.S.N. ret.	
	✱	{1872 Feb. 6.} {JEBB, GEORGE ROBERT (<i>Vice-President</i>)	{Fairfield, Great Barr, Birmingham. (Jebb, Birmingham. Midland, 1538.)
		{1893 Jan. 3.} JEBB, GEORGE ROBERT	
		{1906 Jan. 9.} JEKEN, JOHN LLEWELLYN	{C. H. Walker & Co., Ltd., Correo Casilla 796, Buenos Aires.
		{1893 Dec. 5.} JELLETT, HENRY HOLMES,	
		{1900 Jan. 30.} B.A.I. (<i>Dubl.</i>)	{12 Garden Reach, Calcutta.
		{1894 Mar. 6.} JEME, TIEN YOW, Ph.B. (<i>Yale</i>)	
		{1911 Jan. 10.} JEME, TIEN YOW, Ph.B. (<i>Yale</i>)	{Han-Yueh-Chuan Rys., Director- General's Office, 7 Rue de Hanoi, French Concession, Hankow, China.
TS t	✱	{1892 Dec. 6.} JENKIN, BERNARD MAXWELL	Amage, Wye, Kent.
		{1901 Feb. 19.} JENKIN, BERNARD MAXWELL	
MW t	✱	{1891 Feb. 3.} *JENKIN, Professor CHARLES	
		{1909 Jan. 12.} FREWEN, M.A. (<i>Oxon.</i>)	{14 Lathbury Road, Oxford.
		{1895 Mar. 5.} JENKIN, CHARLES JAMES	
		{1910 Dec. 20.} JENKIN, CHARLES JAMES	Urban District Council, Finchley, N
		{1895 Apr. 2.} *JENKIN, WILLIAM ALFRED	
		{1909 Jan. 12.} JENKIN, WILLIAM ALFRED	Dean Terrace, Liskeard.
		{1878 Feb. 5.} JENKINS, GEORGE GORDON	
		{1909 Apr. 20.} JENKINS, GEORGE GORDON	61 Bridge Street, Aberdeen.
		{1895 Dec. 3.} JENNINGS, JAMES HENNER	{2221 Massachusetts Avenue, Wash- ington, D.C.
		{1893 Dec. 5.} JERVIS, JAMES THOMAS	{27 Brompton Square, Kensington, S.W.
	✱	{1885 Dec. 1.} JOBSON, CHRISTOPHER	{Weld Club, Perth, Western Aus- tralia.
		{1894 Mar. 6.} JOBSON, CHRISTOPHER	
		{1893 Dec. 5.} JOHNS, JOHN HENRY (<i>former</i>)	
		{1904 Apr. 19.} Member of Council)	{Thorsden, Guildford Road, Woking, Surrey.
	✱	{1881 Mar. 1.} *JOHNSON, FRANCIS ROBERT	{c.o. Chief Engineer, G. I. P. Ry., Bombay.
		{1894 Oct. 16.} *JOHNSON, FRANCIS ROBERT	
		{1887 Dec. 6.} *JOHNSON, HENRY ARTHUR	
		{1899 Feb. 28.} *JOHNSON, HENRY ARTHUR	15 The Exchange, Bradford.
		{1901 Mar. 5.} JOHNSON, JAMES HEALEY	
		{1906 Dec. 4.} JOHNSON, JAMES HEALEY	Witham Office, Boston, Lines.
		{1862 May 20.} JOHNSON, RICHARD	58 Coolhurst Road, Crouch End, N.
		{1898 Feb. 1.} JOHNSON, TOM RICHARD	{23 Abingdon Street, Westminster S.W.
		{1885 Mar. 3.} JOHNSON, WALTER CLAUDE	{Broadstone Farm, Coleman's Hatch, Sussex.
		{1883 Feb. 6.} JOHNSTON, ANDREW	
		{1886 May 18.} JOHNSTON, ANDREW	{General Manager, Shiro Highlands Ry., Limbi, Nyasaland.
		{1888 Apr. 10.} *JOHNSTON, JAMES	
		{1898 Nov. 29.} *JOHNSTON, JAMES	Waterworks, Bond Street, Brighton.
	✱	{1876 May 2.} JONES, ALFRED STOWELL, E.C.,	
		{1905 Apr. 11.} Lt.-Col. ret.	{Ridge Cottage, Finchampstead, Berks.
		{1906 Jan. 9.} JONES, CHARLES	{Doseobel, Oakington Avenue, Wem- bley Park, N.W.
		{1891 Dec. 1.} *JONES, EVAN DAVIES	
		{1908 Apr. 7.} *JONES, EVAN DAVIES	6 Addison Road, Kensington, W.
		{1909 Apr. 20.} JONES, FRANK HARDING	Housham Tye, Harlow, Essex.
		{1902 Feb. 4.} *JONES, FREDERICK JAMES	
		{1913 Nov. 18.} *JONES, FREDERICK JAMES	Railway Dept., Wanganui, N.Z.
TWSt	✱	{1869 May 11.} JONES, HARRY EDWARD	
		{1875 Apr. 27.} (Member of Council)	{142 Palace Chambers, Bridge Street, Westminster, S.W.
		{1910 Mar. 1.} JONES, HENRY	{Great Eastern Ry., Liverpool Street Station, E.C.

Date of Election and of Transfer.		MEMBERS.	
1876 Feb. 1.	1897 Dec. 7.	JONES, ISAAC MATTHEWS ..	Town Hall, Chester.
† {1875 Feb. 2.	1881 Nov. 15.	JONES, JOHN ALFRED, F.R.S.E.	{c.o. London & South-Western Bank, Forest Hill, S.E.
1890 Mar. 4.	1912 Feb. 13.	*JONES, PATRICK NICHOLAS HILL	{P.W.D., Victoriaborg, Accra, Gold Coast Colony.
1886 Jan. 12.	1893 Nov. 7.	JONES, ROBERT EDWARD ..	P.W.D., Sydney, N.S.W.
1910 Apr. 19.		*JONES, STANLEY HUNTER ..	Commercial Gas Co., Stepney, E.
1899 Dec. 5.		JONES, THOMAS	{5 Little George Street, Westminster, S.W.
1886 Dec. 7.	1903 Dec. 22.	*JONES, WILLIAM HEMMING ..	Dock Office, Liverpool.
1887 Dec. 6.		JOYNER, ROBERT BATSON, C.I.E.	Lake View, Pittville, Cheltenham.
1891 Mar. 3.		JUDSON, WILLIAM PIERSON ..	{Broadalbin, Fulton County, N.Y., U.S.
1904 Apr. 12.	1914 Apr. 21.	JUPP, JOHN FRANCIS	{Griffin Chambers, High Street. New- port, Mon.
1907 Dec. 3.	1912 Apr. 2.	*KANTHACK, FRANCIS EDGAR	{Director of Irrigation, Pretoria, S. Africa.
T t † {1885 Jan. 13.	1891 Jan. 13.	KAPP, GISBERT	{43 Upland Road, Selly Park, Bir- mingham.
1905 Dec. 5.		KARLSON, AUGUST WILHELM	{Box 557, Irrigation Department, Pretoria.
† {1898 Mar. 1.	1904 Dec. 13.	KAY, STANLEY ROBERT	1 Albion Place, Leeds.
† {1894 Jan. 9.	1899 Nov. 28.	KAYE-PARRY, WILLIAM, M.A., B.A.I. (Dubl.)	{48 Kildare Street, Dublin. (Parry, Dublin. 808.)
† {1883 Dec. 4.	1888 Dec. 18.	KEELE, THOMAS WILLIAM ..	{Commissioner, Sydney Harbour Trust, Sydney, N.S.W.
1883 May 1.	1894 Feb. 20.	*KEENE, PERCY EDWARD ..	{G.I.P. Ry., Victoria Terminus, Bombay.
1902 Jan. 14.		KELLEY, HOWARD GEORGE ..	Chief Engineer, Grand Trunk Ry. System, Montreal, Canada.
t † {1906 Dec. 4.	1912 Jan. 9.	KELLOW, MOSES	{Park and Croesor Slate Quarries, Penrhyndeudraeth.
1901 Apr. 23.	1914 Apr. 7.	*KELLY, ARTHUR CLIFTON ..	{Chief Electrical Engr., B. A. & P. Ry., Calle Florida 783, Buenos Aires.
† 1890 Dec. 2.		KELLY, WILLIAM REDFERN ..	{Engr.-in-Chief, Harbour Office, Bel- fast.
1878 Jan. 15.	1904 Feb. 16.	*KEMPE, HARRY ROBERT ..	Brockham, Betchworth, Surrey.
T t F † 1879 May 27.		{KENNEDY, Sir ALEXANDER BLACKIE WILLIAM, LL.D. (B'ham. and Glas.), D.Eng. (Liverpool), F.R.S. (Past- President)	17 Victoria Street, S.W. (Kinematic, London. Victoria 4621.)
1875 Dec. 7.		{KENNEDY, JOHN (former Member of Council)	Consulting Engineer, Harbour Com- missioners, Montreal, Canada.
m {1905 Jan. 10.	1914 Feb. 10.	*KENNEDY, JOHN MCFARLANE, B.A. (Cantab.)	17 Victoria Street, Westminster, S.W.
1904 Dec. 6.		KENNEDY, ROBERT, B.Sc. (Glas.)	Glenfield and Kennedy, Kilmarnock.
† {1892 Dec. 6.	1913 Dec. 9.	KENNY, WILLIAM EYRE	P.W.D., Singapore, S.S.
t † {1890 Dec. 2.	1902 Dec. 16.	*KER, HUGH TORRANCE	Merrington, Rolvenden, Kent.

Date of Election and of Transfer.		MEMBERS.	
1896 Feb. 4.	†	1896 Feb. 4.} KER, WILLIAM ARTHUR ..	153 St. Vincent Street, Glasgow.
1913 Jan. 21.		1913 Jan. 21.} KERNODE, GEORGE, M.C.E.}	Dept. of Ports and Harbours, Mel-
1899 Dec. 5.		(Melb.)}	bourne, Victoria.
1913 Mar. 11.	†	1913 Mar. 11.} KERNOT, MAURICE EDWIN ..	Ry. Dept., Melbourne, Victoria.
1889 Dec. 3.		1889 Dec. 3.} KIDD, HECTOR}	15 Mansfield St., Glebe Point, Syd-
1902 Dec. 2.		1902 Dec. 2.} KIDD, HENRY CHARLES	ney, N.S.W.
1906 Feb. 6.	m †	1906 Feb. 6.} KIDD, WILLIAM}	Grindlay & Co., Calcutta.
1887 May 24.		1887 May 24.} KIMBER, JAMES}	c/o Grindlay & Co., 54 Parliament
1900 Mar. 6.		1900 Mar. 6.} KIMBER, JAMES}	Street, S.W.
1859 Dec. 6.	t †	1859 Dec. 6.} KINDER, CLAUDE WILLIAM, C.M.G.	18 Lynton Rd., West End Lane
1875 Nov. 9.		1875 Nov. 9.} KING, JAMES FOSTER	West Hampstead, N.W.
1887 Feb. 5.		1887 Feb. 5.} KING, ROBERT HENRY ..	Brailsford, Avondale Road, Fleet,
1889 Dec. 10.	/	1889 Dec. 10.} KING, WILLIAM}	Hunts.
1910 Mar. 1.		1910 Mar. 1.} KINGSTON, WILLIAM, B.E.	121 St. Vincent Street, Glasgow.
1900 Jan. 9.		1900 Jan. 9.} B.A.I. (Dubl.)}	Selma, Nashville, Howth, co. Dublin.
1914 Apr. 7.	†	1914 Apr. 7.} KING, WILLIAM}	5 Beach Lawn, Waterloo, Liverpool
1874 May 5.		1874 May 5.} KINGSTON, WILLIAM, B.E.	7 Herondale Avenue, Wandsworth
1886 Jan. 12.		1886 Jan. 12.} (Queen's), Major, Staff for	Common, S.W.
1902 Mar. 11.	†	1902 Mar. 11.} R.E. Services}	P.O. Box 1270, Johannesburg,
1883 May 29.		1883 May 29.} KIRBY, CHARLES ANTHONY ..	Transvaal.
1892 Mar. 1.		1892 Mar. 1.} KIRBY, JAMES NOBLE	G. N. Ry., Boston.
1892 Dec. 6.	†	1892 Dec. 6.} KIRBY, JAMES NOBLE	Engr's Office, M. Ry., Derby.
1905 Feb. 7.		1905 Feb. 7.} KIRKALDY, JOHN}	101 Leadenhall Street, E.C.
1888 Feb. 7.		1888 Feb. 7.} KIRKBY, SAMUEL ALEXANDER,	11 Alleyn Park, West Dulwich, S.E.
1905 Mar. 14.	t †	1905 Mar. 14.} M.A. (Cantab.)}	Tynnyfron, Central Drive, Ansdell,
1903 Apr. 7.		1903 Apr. 7.} KIRKLAND, JOHN, M.Sc.	Lytham.
1901 Apr. 23.		1901 Apr. 23.} (Victoria)}	17 Victoria Street, S.W. (Victoria
1913 Feb. 11.	†	1913 Feb. 11.} KIRKLAND, THOMAS	5255.)
1892 Mar. 1.		1892 Mar. 1.} KIRKPATRICK, CYRIL REGINALD	3 Beaconsfield Road, Westcombe
1896 May 12.		1896 May 12.} SUTTON}	Park, S.E.
1898 Dec. 6.	tm †	1898 Dec. 6.} KIRTLLEY, WILLIAM	31 Larkhall Rise, Clapham, S.W.
1909 Feb. 9.		1909 Feb. 9.} KITCHIN, JOHN WILLIAM ..	11 rue de Porto Riche, Meudon.
1875 Mar. 2.		1875 Mar. 2.} KITCHINGMAN, DAWSON ..	Paris.
1901 Apr. 2.	†	1901 Apr. 2.} KITE, FREDERICK WILLIAM ..	Orielton, Hulse Road, Southampton.
1914 Jan. 13.		1914 Jan. 13.} KNIGHTS, RICHARD	Friedensthal, Gloucester Road,
1888 Mar. 6.		1888 Mar. 6.} KNOWLES, ARTHUR JAMES,	Kingston Hill.
1901 Dec. 11.	S †	1901 Dec. 11.} B.A. (Cantab.)}	Massingham Ranch, Rural Route
1903 Jan. 13.		1903 Jan. 13.} KNOWLES, GEORGE	No. 1, Calgary, Alta., Canada.
1896 Jan. 14.		1896 Jan. 14.} KOETTGEN, CARL}	Turf Club, Cairo, Egypt.
1904 Dec. 13.	†	1904 Dec. 13.} KOLKHORST, ALFRED OSCAR ..	82 Shaftesbury Avenue, Piccadilly,
1888 May 1.		1888 May 1.} KRAFT, JOHN}	W.
1906 Jul. 23.		1906 Jul. 23.} KÜHL, CHARLES HENRY ..	Ceres, Sundridge Avenue, Bromley
1866 Mar. 6.	†	1866 Mar. 6.} LEOPOLD, C.M.G.}	Companhia Carris de Ferro de Lis-
1877 June 26.		1877 June 26.} KRAFT, JOHN}	boa, St. Amaro, Lisbon, Portugal.
1908 Apr. 7.		1908 Apr. 7.} KÜHL, HARRIS JÜRGEN CARL	Société Cockerill, Seraing, Belgium.
1914 Feb. 3.	†	1914 Feb. 3.} KUSMAUL, CHRISTIAN	European Commission of the
1879 Dec. 2.		1879 Dec. 2.} KRAFT, JOHN}	Danube, Sulina.
1880 Apr. 6.		1880 Apr. 6.} KÜHL, HARRIS JÜRGEN CARL	2 Queen Anno's Gate, S.W.
1901 Apr. 2.	†	1901 Apr. 2.} KUSMAUL, CHRISTIAN	Board of Works, 501 Collins Street,
1909 Apr. 20.		1909 Apr. 20.} KUSMAUL, CHRISTIAN	Melbourne, Victoria.
1898 Dec. 6.		1898 Dec. 6.} KUSMAUL, CHRISTIAN	
1903 Feb. 24.		1903 Feb. 24.} KUSMAUL, CHRISTIAN	

Date of Election and of Transfer.	MEMBERS.	
1887 Feb. 1.	*LABATT, JOHN BAGOT	{South Australian Harbours Board,
1913 Jan. 21.		{ Adelaide, S. Australia.
1893 Dec. 5.	LACEY, ERNEST MATTHEW ..	12 Victoria Street, S.W.
1899 Apr. 18.		
1885 May 19.	LACEY, FREDERICK WILLIAM ..	Borough Engineer, Bournemouth.
1897 Feb. 16.		
1906 Feb. 6.	LACKIE, WILLIAM WALKER ..	75 Waterloo Street, Glasgow.
1885 Dec. 1.	LAFFAN, GEORGE BASTABLE, ..	{Hardys Chambers, Pietermaritzburg,
1900 Apr. 3.	B.E. (Queen's)	{ Natal.
1896 Dec. 1.	LAILEY, CHARLES NICHOLSON ..	28 Victoria Street, S.W.
1905 Jan. 31.		
1894 Mar. 6.	LAING, ANDREW	Wallsend Slipway, Wallsend-on-Tyne.
1895 May 21.	*LAING, WILLIAM ARTHUR ..	174 West George Street, Glasgow.
1911 Mar. 14.	BAIRD	
1893 Dec. 5.	LAING-MEASON, GILBERT ..	P.O. Box 543, Wellington, N.Z.
1903 Dec. 22.		
1886 Mar. 2.	*LAKE, HARRY HERBERT ..	P.W.D., Gwalior, Central India.
1902 Apr. 22.		
1889 Dec. 3.	*LANCASHIRE, WILLIAM THOMAS	City Engineer, Leeds.
1911 Jan. 10.		
1910 Jan. 11.	{LANCHESTER, FREDERICK}	{ 53 Hagley Road, Edgbaston, Bir-
	{ WILLIAM	{ mingham.
1885 Dec. 1.	LANE, ALEXANDER MAURICE ..	
1895 Oct. 22.		
1876 May 30.	LANGDON, WILLIAM	{Kensley, St. Stephens-by-Launces-
1883 Nov. 3.		{ ton, Cornwall.
1881 May 31.	LAPAGE, RICHARD HERBERT ..	{Sheen House, Walmer. (Lapage,
1885 Nov. 24.		{ Walmer.)
T f m ✠ (1902 Apr. 8.)	*LAPWORTH, HERBERT, ..	{ St. Stephen's House, Victoria Em-
✠ (1912 Jan. 9.)	D.Sc. (Birm.)	{ bankment, S.W.
✠ (1895 Dec. 3.)	LARARD, CHARLES EDWARD ..	{ Northampton Institute, Clerkenwell,
✠ (1913 Apr. 29.)		{ E.C.
1878 Mar. 5.	LARMINIE, JOHN CHARLES ..	Williams Park, Killiney, co. Dublin.
1894 May 22.		
1865 May 2.	LATHAM, BALDWIN	{Parliament Mansions, Victoria
1868 May 19.		{ Street, S.W.
1902 Feb. 4.	{LA TOUCHE, JAMES NORMAN}	{ Strefford, Craven Arms, Salop.
	DIGES	
1901 Dec. 3.	Laurie, Gordon Colet	King, King & Co., Bombay.
1909 Jan. 12.		
✠ (1894 Dec. 4.)	*LAURIE, KENNETH SMALE ..	East Indian Ry., Allahabad, India.
✠ (1911 Jan. 10.)		
1888 Apr. 10.	*LAW, HERBERT HENRY	Local Government Board, S.W.
1899 Feb. 21.		
1878 May 7.	LAWDER, ARTHUR WILLIAM ..	H. S. King & Co., 65 Cornhill, E.C.
1880 Feb. 24.		
1880 Dec. 7.	LAWDER, JAMES ORMSBY ..	{Lawderdale, Ballinamore, co.
1884 Dec. 16.		{ Leitrim.
1899 Dec. 5.	*LAWRENCE, RICHARD PRIESTLEY	{Vickery's Chambers, 76 Pitt Street
1909 Jan. 12.		{ Sydney, N.S.W.
1901 Feb. 5.	LAWSON, AILAN JOHN	56A Burnbury Road, Ballham, S.W.
1904 Feb. 2.	LEA, RICHARD SMITH, ..	820 New Birks Building, Montreal,
1910 Jan. 11.	Ma.E. (McGill)	{ Canada.
1905 Jan. 10.	LEANE, WALTER BURDITT ..	{ Chief Engr., Chilean Northern Ry.
1913 Jan. 21.		{ Co., Ltd., Agustinas 718, Santi-
		{ ago, Chile.
1886 Dec. 7.	LEAVITT, ERASMUS DARWIN ..	{ 317 Harvard Street, Cambridge,
		{ Mass., U.S.
1906 Dec. 4.	LE BAILLY, ROBERT FRANCIS ..	33 Tothill Street, Westminster, S.W.
1914 Apr. 21.		
1879 Feb. 4.	LEE, JOSEPH JOHN	{ L. & N. W. Ry., Res. Engr.'s Office,
1885 Feb. 3.		{ 69 London Road, Oxhey, Watford.

Date of Election and of Transfer.		MEMBERS.	
†	{1888 Feb. 7.}	*LEES, ARTHUR EDWIN	Beclare, Ashburton Road, Croydon. c/o. Miss Lees, 19 Pembroke Road, Kensington, W.
	{1903 Apr. 21.}	TREVILLION	
	{1883 Mar. 6.}	*LEES, OSWALD CAMPBELL,	
	{1905 Feb. 7.}	C.S.I.	
†	1904 Dec. 6.	{LE FANU, HENRY WILLIAM EDWARD}	38 Rue de la Science, Charleroi, Belgium.
m	{1886 Dec. 7.}	*LEGG, WILLIAM ANDREW ..	14 Victoria Street, S.W.
	{1896 Nov. 24.}		
m	† {1891 Feb. 3.}	*LEGROS, LUCIEN ALPHONSE ..	25 Cumberland Park, Acton, W.
	{1906 Dec. 4.}		
	1910 Mar. 1.	{LEIGH, FREDERICK AUGUSTUS CORTEZ}	Electrical Engineer, L. and N.W. Ry., Euston, N.W.
t	† 1898 Dec. 6.	LEITCH, DONALD CALDER ..	7 Leybourne Park, Kew, Surrey.
t m	† {1896 Dec. 1.}	*LEITCH, WILLIAM ORR ..	{Chinese Government Rys., Tientsin, N. China [<i>via</i> Siberia].}
	{1906 Jan. 9.}		
	{1865 May 23.}	LEMON, Sir JAMES	11 The Avenue, Southampton.
	{1877 Jan. 30.}		c/o. Grindlay & Co., Parliament St., S.W.
	1896 Apr. 14.	LE QUESNE, WILLIAM HENRY	Lancaster Lodge, Campden House Road, W.
	1904 Jan. 12.	LE ROSSIGNOL, ALFRED ERNEST	
T t WS	† {1872 Jan. 9.}	{LESLIE, Sir BRADFORD, K.C.I.E. (<i>former Member of Council</i>)}	5 Cambridge Place, Regent's Park, N.W.
	{1891 Dec. 1.}		{The Sanctuary, Westminster, S.W.
	{1898 Feb. 15.}	LESLIE, BRADFORD	
	1890 Dec. 2.	LESLIE, MORICE	c/o. H. S. King & Co., 9 Pall Mall,
	{1891 Mar. 3.}		{502/3 Duncan Building, 119 Pen- der Street, Vancouver, B.C.
	{1901 Dec. 11.}	LESLIE, ROBERT FLETCHER ..	
	{1900 Dec. 4.}	*LEWIS, ARTHUR WILFRID ..	15 Victoria Street, S.W.
	{1912 Apr. 2.}		
t	† 1906 Feb. 6.	{LEWIS, JAMES BANNATYNE, M.C.E. (<i>Melbourne</i>)}	31 Queen Street, Melbourne.
	{1893 Dec. 5.}		Trichinopoly, S. India.
	{1904 Dec. 13.}	*LEWIS, JOHN THORPE	
	{1891 Jan. 13.}	*LEWIS, SIDNEY COOKE	{Mansergh & Sons, 5 Victoria Street, S.W.
	{1900 Dec. 18.}		
†	{1892 Dec. 6.}	*LIDDLE, WILLIAM	{Englethwaite Hall, Armathwaite, Cumberland.
	{1898 Mar. 15.}		
	{1885 Dec. 1.}	*LIGHT, ERNEST EDWARD ..	Ry. Dept., Perth, Western Australia.
	{1902 Mar. 4.}		
†	1881 Dec. 6.	LIGHTFOOT, THOMAS BELL ..	{35 Queen Victoria Street, E.C. (Separator, London.)}
	{1892 Dec. 6.}		42 Harrington Gardens, S.W.
	{1906 Jan. 30.}	LINDE, ALBERT DE	
	1890 Feb. 4.	LINDENTHAL, GUSTAV	45 Cedar Street, New York, U.S.
	1881 Feb. 1.	LINDLEY, ROBERT SEARLES ..	Godstone Place, Godstone, Surrey.
	1878 May 28.	LINDLEY, Sir WILLIAM HEERLEIN	Frankfurt-am-Main.
	{1880 Dec. 7.}		{180 Hope Street, Glasgow. (Civileng, Glasgow.)}
	{1887 Feb. 22.}	LINDSAY, CHARLES CONHEAD ..	
	1897 Dec. 7.	LINEHAM, WILFRID JAMES ..	21 Newstead Road, Lee, S.E.
	{1892 Apr. 5.}		Waterworks, Barbados.
	{1908 Feb. 11.}	LINGWOOD, GEORGE	
	{1889 Dec. 3.}	LIVENS, FREDERICK HOWARD	Ruston, Proctor & Co., Lincoln.
	{1906 Jan. 23.}		
	{1886 May 18.}	*LIVESEY, HARRY	14 South Place, Finsbury, E.C.
	{1894 Jan. 23.}		
	{1867 Dec. 3.}	LIVESEY, JAMES	14 South Place, Finsbury, E.C.
	{1878 Feb. 19.}		
	1910 Feb. 1.	LLOYD, ERNEST HERBERT ..	P.W.D., Cairo.
	{1900 Feb. 6.}	*LLOYD, HENRY GARDINER ..	{Rothsay, Guilford Avenue, Surbiton Hill, Surrey.
	{1914 Feb. 10.}		

	Date of Election and of Transfer.	MEMBERS.	
	1896 Feb. 4.	LLOYD, ROBERT SAMUEL ..	{Hayward-Tyler & Co., 99 Queen Victoria Street, E.C.
m in	† {1901 Apr. 2.}	*LLOYD-DAVIES, DAVID ERNEST	{Chief Engr. to the Municipality Alexandria, Egypt.
	{1909 Jan. 12.}		
	{1875 Jan. 12.}	LOBLEY, JOSEPH	{Richmond Terrace, Shelton, Stoke- on-Trent.
	{1886 May 11.}		
†	{1889 Jan. 8.}	LOBNITZ, FREDERIC	{Ross Hall, Crookston, Renfrewshire.
	{1900 Apr. 10.}		
	{1877 Jan. 16.}	*LOCKHART, WILLIAM STRONACH	{67 Granville Park, Blackheath, S.E.
	{1889 Apr. 9.}		
	{1888 Apr. 10.}	LOCKYER, NORMAN JOSEPH ..	{N.E. Ry., Loco. Works, Darlington.
	{1898 Feb. 8.}		
	{1887 May 24.}	LONGDEN, JOHN ALFRED ..	{Chislehurst, Marlborough Road, Bournemouth.
	{1894 Dec. 4.}	LONGFIELD, RICHARD WILLIAM	{County Surveyor, Bandon, co. Cork.
	{1902 Feb. 11.}	FREDERICK, B.A.I. (<i>Dubl.</i>)	
	{1894 Dec. 4.}	*LONGHURST, FREDERICK HERD-	{Yewdale, Budleigh Salterton, Devon.
	{1905 Dec. 19.}	MAN	
	{1874 Mar. 3.}	LONGRIDGE, MICHAEL,	{Linkvretten, Grey Road, Altrincham,
	{1880 May 11.}	M.A. (<i>Cantab.</i>)	{Cheshire.
	{1901 Apr. 23.}	LORD, JAMES	{Mig-y-don, Greenroyd, Halifax.
	{1905 Apr. 11.}		
	{1898 Apr. 5.}	LORIMER, JOHN ALEXANDER ..	{Bankdale Lodge, Moffat, N.B.
	{1907 Jan. 15.}		
F †	{1907 Apr. 9.}	{LOUIS, <i>Professor</i> HENRY,	{4 Osborne Terrace, Newcastle-en- Tyne.
		M.A. (<i>Durham</i>)	
	{1889 Jan. 8.}	*LOVEGROVE, EDWIN JAMES ..	{Hornsey District Council, South- wood Lane, N.
	{1899 Dec. 12.}		
	{1888 Feb. 7.}	*LOW, PERCY ARCHIBALD ..	{109 Kenilworth Court, Putney, S.W.
	{1902 Apr. 22.}		
T t in	† {1885 Mar. 3.}	*LOWCOCK, SIDNEY RICHARD ..	{6 Queen Anne's Gate, Westminster, S.W. (Victoria 519.)
	{1899 Mar. 28.}		
	{1885 Dec. 1.}	{LOWE, JOHN LANDOR, B.Sc. (<i>Lond.</i>)}	{Midland Ry., Derby.
	{1891 Jan. 13.}	LOWE, LOUIS JOHN MCKENZIE	{Casilla Correo 655, Buenos Aires.
m	{1902 Jan. 14.}	*LOWE BROWN, WILLIAM LOWE,	{Oficina del Subterráneo, F. C. Oeste, Buenos Aires.
	{1910 Jan. 11.}	M.Sc. (<i>Victoria</i>)	
	{1884 Feb. 5.}	LUCAS, WILLIAM OWEN	{Breakstones, Langton Green, Tun- bridge Wells.
	{1895 Mar. 5.}		
	{1891 Feb. 3.}	*LUCY, WILLIAM THEODORE ..	{c.o. E. Lancaster Burne, 14 Victoria Street, S.W.
	{1912 Apr. 2.}		
	{1901 Feb. 5.}	LUIGGI, <i>Professor</i> LUIGI	{Inspector General of Royal Civil Engineers, 81 Via Sardegna, Rome.
	{1904 Apr. 19.}	LUKE, WILLIAM JOSEPH ..	{John Brown and Co., Clydebank, N.B.
	{1885 Mar. 3.}	{LUMSDEN, HUGH DAVID (former Member of Council)}	{Toronto Club Toronto, Canada.
	{1876 Feb. 1.}		
	{1879 Mar. 4.}	LUNDIE, GEORGE ARCHIBALD ..	{Cardiff.
	{1893 Jan. 10.}		
	{1902 Apr. 15.}	LUNN, WILLIAM	{Drainage Works, Bridgwater.
	{1878 May 7.}	LUPTON, <i>Professor</i> ARNOLD ..	{7 Victoria Street, S.W. (Victoria 5078.)
	{1892 May 3.}	*LYELL, DAVID	{407 Lake of the Woods Building, St. John Street, Montreal, Canada.
	{1900 Feb. 13.}		
	{1887 Jan. 11.}	*LYELL, ROBERT, B.Sc. (<i>Edin.</i>)	{15 Elvaston Place, South Kensington, S.W.
	{1900 Dec. 19.}		
	{1891 Dec. 1.}	*LYNAM, GEORGE TROTTER ..	{Town Hall, Burton-on-Trent.
	{1906 Feb. 6.}		
	{1877 Dec. 4.}	LYNDE, FRANCIS GASCOIGNE ..	{The Eaves, Picardy Hill, Belvedere, Kent.
	{1882 May 23.}		
†	{1899 Apr. 11.}	*LYNDE, GERALD GASCOIGNE..	{Ashlands, Ashton-upon-Mersey, Cheshire.
	{1914 Apr. 21.}		

Date of Election and of Transfer.		MEMBERS.		
1875 May 11.	}	LYNDE, JAMES HENRY	{Harboro Grove, Ashton-on-Mersey, Manchester.	
1877 Nov. 27.				
1884 Dec. 2.				
1890 May 20.	}	LYNN, GRAHAM RIGBY	Port Engr.'s Office, Manora, Karachi.	
† 1882 Dec. 5.		M. Eng. (<i>L'pool.</i>), (<i>Presi-</i> <i>dent</i>)	2 Queen Anne's Gate, S.W.	
n	†	{1882 Feb. 7. 1891 Sept. 29.}	*MACALISTER, DANIEL	{Water Trust, Municipal Buildings, Greenock, N.B.
†				
/	{1889 Dec. 3. 1900 Dec. 18.}	*MACAULAY, FREDERIC WILLIAM	{Birmingham Water Dept., Springfield House, Ludlow. (Water, Ludlow.)	
				1881 Jan. 11.	MACBRAIR, ROBERT ALEX-	City Engineer, Lincoln.
	1902 Dec. 2.	ANDER		
	1894 Dec. 4.	MACCABE, WILLIAM BERNARD	{City Engineer, Calcutta Corporation, Calcutta.	
	1902 Jan. 28.			
	1898 Feb. 1.	MACCARTHY, JOHN LEADER,	8 Merton Road, Bedford.	
	1908 Apr. 14.	B.A., B.E. (<i>Royal</i>)		
	1898 Dec. 6.	McCAY, SAMUEL,	Dick, Kerr & Co., Ltd., Abchurch Yard, Cannon Street, E.C.	
	1912 Mar. 12.	B.A., B.E. (<i>Royal</i>)		
	1902 Mar. 4.	*McCLURE, HUGH HANNAY ..	66 Union Street, Greenock, N.B.	
	1891 May 5.	McCORMICK, JOHN MACNEILL	Lindisfarne, near Hobart, Tasmania.	
	1889 Mar. 5.	McCULLOUGH, FREDERICK	Waterworks Engineer, Belfast.	
	1896 May 12.	WILLIAM		
†	1891 Apr. 7.	McDONALD, ALEXANDER BEITH	City Engineer, Glasgow.	
	1874 Mar. 3.	McDONALD, ARTHUR HARMAN	1 Osborne Road, Clifton, Bristol.	
	1905 Feb. 7.	MACDONALD, DONALD	Summerdale, Largs, Ayrshire.	
	1892 May 24.	*McDONALD, GEORGE CHAMPION	Cambrian Rys. Oswestry.	
	1899 Mar. 28.			
	1881 Dec. 6.	*McDONALD, JOHN ALEXANDER	{c.o. McDonald, Seales & Co., 4 Chapel Street, Cripplegate, E.C.	
	1888 Feb. 28.			
T	†	{1892 Mar. 1. 1909 Jan. 12.}	*MACDONALD, Sir MURDOCH, K.C.M.G.	{Public Works Ministry, Cairo, Egypt.
†				
	1879 Dec. 2.	*MACFARLANE, DONALD	British Embassy, Constantinople.	
	1900 Dec. 18.			
	1910 Dec. 6.	MACGLASHAN, JOHN	{District Engineer, Kidderpore Docks, Calcutta, India.	
	1879 Apr. 1.	McGREGOR, JOSIAH	{15 Victoria Road, Upper Norwood, S.E.	
	1896 Dec. 1.	McHUTCHIN, WILLIAM	Rosway, Deal, Kent.	
	1897 Feb. 2.	McINTYRE, JOHN TURNBULL ..	Grindlay, Groom & Co., Bombay.	
	1904 Dec. 13.			
	1913 Dec. 2.	McKECHNIE, JAMES	{Naval Construction Works, Barrow- in-Furness.	
	1890 Feb. 4.	MACKENZIE, ARCHIBALD	{c.o. Parry & Co., 70 Gracechurch Street, E.C.	
	1897 Nov. 30.	THOMAS		
T	†	{1890 Dec. 2. 1911 Feb. 14.}	*MACKENZIE, JAMES	{Engr.'s Office, South African Rys., Johannesburg.
†				
T	1904 Jan. 12.	MACKENZIE, NICOL FINLAYSON	185 Woodstock Road, Oxford.	
	1866 Jan. 9.	McKERROW, ALEXANDER ..	17 Victoria Street, S.W.	
	1871 Dec. 5.			
	1882 Dec. 5.	McKIE, ISAAC SHEPHERD ..	{The Rope Walk, Hermitage, Ems- worth, Hants.	
	1899 Dec. 12.			

Date of Election and of Transfer.	MEMBERS.	
1885 Dec. 1.	McKIE, JAMES	{ 3 Queen's Parade, Cleethorpes,
1899 Feb. 7.		{ Grimsby.
1880 Jan. 13.	McKINNEY, HUGH GIFFEN, M.E.	{ Australian Club, Macquarie Street,
1885 Feb. 24.		{ (Royal) Sydney, N.S.W.
1870 May 24.	MACKINNON, MATTHIE CHARLES	{ 1 Yarborough Road, Southsea.
1893 Nov. 7.		
1900 Jan. 9.	MACKISON, JAMES WALLS,	{ Exec. Engr., Municipal Offices,
1913 Apr. 22.		{ B.Sc. (Edin.) Bombay.
✠ (1876 May 2.)	McLAREN, JOHN	{ Midland Engine Works, Hunslet
1892 Nov. 8.		{ Leeds. (McLaren, Leeds.)
1910 Feb. 1.	McLAUCHLAN, JOHN DAVID ..	{ 21 Young Street, Edinburgh.
1879 May 6.		
1887 May 17.	McLAUGHLIN, FREDERICK JAMES	{ Waynflete, Whetstone, N.
1894 Apr. 3.	{ MACLAY, WILLIAM WALTER,	{ Lee, Mass., U.S.A.
		{ M.A. (New York)
✠ (1889 Dec. 3.)	MACLEAN, CHARLES WILLIAM	{ Ports and Harbours Dept., Mel-
1903 Dec. 22.		{ bourne, Victoria.
1883 Dec. 4.	*MACLEAN, FRANCIS WILLIAM	{ Railway Dept., Wellington, N.Z.
1897 Mar. 15.		
1906 Feb. 6.	{ MACLEAN, Professor MAGNUS,	{ The Technical College, Glasgow.
		{ M.A., D.Sc. (Glas.)
✠ (1893 May 2.)	McLELLAN, DUGALD	{ Caledonian Ry., Engr.'s Office,
1903 Mar. 10.		{ Princes Street Station, Edinburgh.
1894 Feb. 6.	*McMAHON, PETER VALENTINE	{ 195 Clapham Road, S.W.
1903 Dec. 22.		
1884 Dec. 2.	MACPHERSON, DUNCAN	{ National Transcontinental Ry.,
1891 May 5.		{ Ottawa, Canada.
✠ (1887 Apr. 5.)	McPHERSON, JOHN AMBROSE ..	{ Waterworks Office, Bristol.
1906 Jan. 9.		
1894 May 1.	{ McQUEEN, WILLIAM TEMPLE,	{ Engineering Department, State
1908 Jan. 14.		{ B.Sc. (Glas.) Railways, Cairo.
1902 Dec. 2.	*MACTAGGART, JOHN NORMAN	{ Water and Sewerage Board, Drum-
1914 Apr. 21.		{ CAMPBELL, M.E. (Sydney). } moyne, Sydney, N.S.W.
✠ (1899 Feb. 7.)	*MADDOCKS, ARTHUR PERCY,	{ Penorchard, Albany Crescent, Clay-
1912 Jan. 9.		{ B.Sc. (Birm.) gate, Esher.
1897 Dec. 10.	*MADELEY, JAMES WELBY,	{ Special Engr., Corporation of
1904 Dec. 13.		{ M.A. (Cantab.) Madras, India.
✠ 1899 Dec. 5.	MAGINNIS, ARTHUR JOHN ..	{ 28 Chapel Street, Liverpool.
1889 Feb. 5.		
1898 Dec. 20.	MAIR, HUGH	{ Vestry Hall, Hammersmith, W.
W t ✠ 1873 May 20.		{ The Hammonds, Udimore, Sussex.
1879 Dec. 2.	MAIS, HENRY COATHUPE ..	{ 34 Murphy Street, South Yarra,
		{ Melbourne, Victoria.
1886 Dec. 7.	MALCOLM, BOWMAN	{ Midland Ry., Northern Counties
		{ Committee, Belfast.
1882 Mar. 7.	*MALET, ALLAN ARTHUR GREN-	{ Local Government Board, White-
1901 Dec. 11.		{ VILLE hall, S.W.
1883 Dec. 4.	{ MANCE, Sir HENRY CHRIS-	{ 25 Linton Road, Oxford.
		{ TOPHER, C.I.E.
t ✠ 1888 Mar. 6.	MANN, ISAAC JOHN	{ Rose Hill, Orford, Suffolk.
1876 May 2.		
1897 Feb. 23.	MANNERING, HORACE JOHN ..	{ Haverhill, Burcott Road, Purley.
1870 May 24.		
1887 Nov. 8.	MANNERS, CHARLES ROBERT ..	{ 12 Lombard Street, Inverness.
1864 Dec. 6.		{ 110 London Road, Forest Hill,
	MANNING, JOHN RICHARDS ..	{ S.E.
T ✠ (1891 May 5.)		{ 5 Victoria Street, S.W.
1900 Mar. 27.	*MANSENGH, ERNEST LAWSON ..	
T ✠ (1897 Jan. 12.)	*MANSENGH, WALTER LEAHY ..	{ Walcot, Woodlands Road, Bickley,
1908 Mar. 10.		{ Kent.
1891 Dec. 1.	*MANTON, ARTHUR WOODROFFE.	{ Ellerburn, Woodbourne Road, Edg-
1899 Apr. 11.		{ B.Sc. (Birmingham) baston, Birmingham.

Date of Election and of Transfer.		MEMBERS.	
✱	{1881 Dec. 6.	MARCHANT, FREDERIC WILLIAM	Box 74, Timaru, New Zealand.
	{1892 Nov. 29.		
✱	{1889 May 21.	MARCHBANKS, JAMES	{33 Hobson Crescent, Wellington, N.Z.
	{1901 Jan. 15.		
✱	{1887 Apr. 5.	*MARKS, HENRY CAPNER	City Engineer, Carlisle.
	{1905 Apr. 11.		
t m ✱	{1883 Mar. 6.	*MARRIOTT, WILLIAM	{M. & G. N. Rys., Melton Constable. (Marriott, Melton Constable.)
	{1891 Nov. 17.		
✱	{1898 Apr. 5.	MARSH, CHARLES FLEMING	{Metropolitan Water Board, Engr.'s Dept., Savoy Court, W.C.
	{1905 Feb. 7.		
✱	{1897 Dec. 7.	{MARSH, CHARLES WILLIAM EARLE	Rockdale, Stow Park, Newport, Mon.
	{1889 Feb. 5.		
✱	{1905 Dec. 19.	*MARSH, DOUGLAS EARLE	47 The Drive, Hove.
	{1877 May 29.		
✱	{1890 Mar. 4.	*MARSH, HENRY, C.I.E.	{c.o. H. S. King & Co., 9 Pall Mall, S.W.
	{1913 Apr. 1.		
✱	{1887 May 3.	*MARSH, JOHN GEORGE RALPH MARSH, LEONARD SWAINE	{Madras and Southern Mahratta Railway, Madras, India.
	{1905 Apr. 11.		
✱	{1891 Feb. 3.	MARSH, WILLIAM SUTCLIFFE	{Div. Engr.'s Office, G. W. Ry., Taunton.
	{1893 Mar. 7.		
✱	{1905 Feb. 21.	MARSHALL, LAUNCELOT PAUL	{Ch. Engr., Municipality, Rangoon, Burma.
	{1883 May 1.		
✱	{1893 May 2.	MARTEN, EDWARD DIMMACK, M.A. (Cantab.)	Lamberhurst, Bath Road, Cheltenham.
	{1891 May 5.		
✱	{1904 Mar. 29.	*MARTEN, HUBERT BINDON	Pedmore, Stourbridge.
	{1898 Apr. 5.		
✱	{1906 Mar. 6.	MARTIN, ARTHUR JOHN	7 Victoria Street, S.W.
	{1896 Dec. 1.		
✱	{1913 Feb. 11.	*MARTIN, ERNEST BRANWHITE	{Borough and Waterworks Engineer, Rotherham.
	{1888 Dec. 4.		
✱	{1859 Apr. 5.	MARTIN, HENRY WILLIAM	{Sherwood, Newport Road, Cardiff. 27 Sutherland Avenue, Maida Hill, W.
	{1884 Dec. 2.		
✱	{1901 Dec. 17.	*MARWOOD, HORACE RICHARD	Govt. Rys., Port of Spain, Trinidad.
	{1896 May 19.		
✱	{1913 Jan. 14.	MASCHWITZ, CARLOS	Laprida 352, Buenos Aires. Dunedin, New Zealand.
	{1888 May 15.		
✱	{1888 Apr. 10.	MASON, JOHN BLAIR	{Queen Anne's Gate, S.W. (Mas- sive, London.)
	{1906 Jan. 9.		
W ✱	{1888 Feb. 2.	MASSEY, WILLIAM HENRY	Tetley House, Kirkgate, Wakefield.
	{1886 Feb. 2.		
✱	{1887 Feb. 1.	MASSIE, FRANK	Salford Ironworks, Manchester.
	{1895 Dec. 3.		
t ✱	{1887 Feb. 1.	MATHER, Sir WILLIAM, P.C.	Caledonian Ry., 302 Buchanan Street, Glasgow.
	{1895 Dec. 3.		
✱	{1876 May 2.	MATHESON, DONALD ALEX- ANDER	1 Pemberton Avenue, Bedford. Chief Inspector of Machinery, Perth, Western Australia.
	{1900 Feb. 6.		
✱	{1912 Jan. 9.	MATHESON, EWING	{Chief Inspector of Machinery, Perth, Western Australia.
	{1865 Mar. 7.		
✱	{1865 Mar. 7.	{MATHESON, HENRY MONTAGU, C.I.E.	Clayton, Surbiton Hill Park.
	{1905 Dec. 5.		
✱	{1877 Feb. 6.	MATTHEWS, ROBERT	Parr's House, Heaton Mersey.
	{1884 May 6.		
✱	{1877 Feb. 6.	MATTHEWS, Sir THOMAS (Member of Council)	Trinity House, E.C.
	{1884 May 6.		
m	{1905 Apr. 4.	*MATTHEWS, THOMAS LEIGH	9 Victoria Street, S.W.
	{1913 Mar. 11.		
✱	{1870 Dec. 6.	{MATTHEWS, Sir WILLIAM, K.C.M.G. (Past-President, Member of Council)	9 Victoria Street, S.W. (Penlee, London. Victoria 47.)
	{1876 Dec. 5.		
t ✱	{1882 Apr. 4.	MATTHEWS, WILLIAM	39 Victoria Street, S.W.
	{1889 Apr. 10.		
✱	{1871 May 2.	MAUDSLAY, WALTER HENRY	69 Cadogan Gardens, S.W.
	{1877 Dec. 18.		

	Date of Election and of Transfer.	MEMBERS.	
✦	{1903 Feb. 3. 1913 Mar. 11.}	MAUGHAN, NICHOLAS	Municipal Offices, Bombay.
t ✦	{1895 Jan. 8. 1899 Nov. 28.}	MAVOR, HENRY ALEXANDER ..	{3 Windsor Circus, Kelvinside, Glasgow.
F ✦	1896 Feb. 4.	{MAW, WILLIAM HENRY, LL.D. (Glas.) (Member of Council)}	35 Bedford Street, Strand, W.C.
	1885 Dec. 1.	MAWBEY, ENOCH GEORGE ..	Boro' Surveyor, Leicester.
	1898 Feb. 8.		
m m ✦	{1873 Jan. 14. 1883 May 29.}	*MAXWELL, JOSEPH PRIME ..	Wellington, N.Z.
	1885 Mar. 3.	*MAY, CHARLES RAMSDEN ..	Orwell Lodge, Erith, Kent.
	1902 Dec. 16.		
	1892 May 3.	*MAY, JOHN	{Hadlow, Woodlands Road, Bickley, Kent.
	1907 Apr. 23.		
	1893 Dec. 5.	MAY, WALTER, R.N.	{Pulsonmeter Engineering Co., Ltd., 11 Tothill St., Westminster, S.W.
	1902 Dec. 16.		
	1890 Jan. 14.	*MAY, WALTER EDWARD ..	{Senior Provincial Engr., Calabar, S. Nigeria.
	1908 Jan. 14.		
✦	1910 Mar. 1.	MAYBURY, HENRY PERCY ..	Barnesfield, Greenhithe, Kent.
	1914 Apr. 7.	MAYNARD, FRANK HENRY ..	{District Engr., District Board, Gaya, India.
✦	{1894 Dec. 4. 1902 Mar. 25.}	*MAYNE, CHARLES	{c.o. John Pook & Co., 68 Fenchurch Street, E.C.
	1909 Jan. 12.	MEAD, ELWOOD	Melbourne, Victoria.
	1879 Feb. 4.		
	1891 Mar. 30.	MEADE, THOMAS DE COURCY ..	Town Hall, Manchester.
S t ✦	{1887 Dec. 6. 1890 Dec. 9.}	MEADE-KING, WILLIAM OLIVER EVELYN	Walford, Taunton, Somerset.
	1908 Jan. 14.	MEARES, JOHN WILLOUGHBY ..	Patent Office, Calcutta, India.
✦	1888 Feb. 7.	MEIK, CHARLES SCOTT	{16 Victoria Street, S.W. (Snowdon London.)
	1888 Feb. 7.	MELHUSH, THOMAS WALTER	78 Avenue du Longchamp, Brussels,
	1901 Dec. 17.	WARREN	Belgium.
	1893 Mar. 7.	MELVILLE, WILLIAM	St. Enoch Station, Glasgow.
			{Señor D. Level, 42 Rua da Passagem, Rio de Janeiro.
	1883 Dec. 4.	MENEZES, CAMILLO MARIA DE	
	1865 Mar. 7.	{MERTHYR, Lord, G.C.V.O.) (former Member of Council)}	The Mardy, Aberdare.
	1869 Jan. 19.		
	1905 Jan. 10.	MERZ, CHARLES HESTERMAN ..	32 Victoria Street, S.W.
	1888 Mar. 6.	*MESSENT, PHILIP GLYNN, C.I.E.	Port Trust, Bombay.
	1896 Nov. 24.		
	1879 Dec. 2.	MESTAYER, RICHARD LIRON ..	Lambton Quay, Wellington, N.Z.
	1889 Jan. 29.		
	1885 Mar. 3.	{METCALFE, Sir CHARLES HERBERT THEOPHILUS, Bart. (former Member of Council)}	21 Pall Mall, S.W. (Mayfair 1968.)
	1897 Apr. 6.		
	1892 Dec. 6.	METCALFE, HENRY HULBERT	{30 Palmerston Buildings, Auckland, N.Z.
	1901 Dec. 11.		
t ✦	{1875 Feb. 2. 1882 Feb. 14.}	METHVEN, CATHCART WILLIAM, F.R.S.E.	Durban, Natal.
	1896 Dec. 1.		
	1904 Dec. 13.	METZGER, GUSTAVUS FERDINAND	{South East Kent Electric Power Co., Ltd., Shepherdswell, Dover.
	1878 Feb. 5.	*MEYSEY - THOMPSON, ARTHUR	{Hathorn, Davey & Co., Leeds. (Hathorn, Leeds. 524.)
	1894 Dec. 4.	HERBERT	
	1880 May 4.	*MICHELL, THEOPHILUS	37 Christchurch Road, Bournemouth.
	1900 Jan. 30.		
✦	{1870 Feb. 1. 1885 Dec. 1.}	MIDDLETON, REGINALD EMPSON	{17 Victoria Street, S.W. (Appoint, London. Victoria 321.)
	1896 Feb. 4.	*MILES, HARRY POWELL ..	Engr.'s Office, M. Ry., Derby.
	1902 Apr. 22.		
	1876 Mar. 7.	MILLER, HENRY	{Bosmere House, Norwich Road, Ipswich.
	1886 Feb. 9.		

Date of Election and of Transfer		MEMBERS.	
1892 Mar. 1.	1899 Feb. 7.	MILLER, HERBERT WOODVILLE	{ Electric Lighting Works, Kensington Court, W.
1869 May 11.	1878 Mar. 21.	MILLER, THOMAS	{ Dock Commission and Harwich Harbour Conservancy Board, Ipswich.
1885 Dec. 1.	1899 Dec. 12.	*MILLER, THOMAS LODWICK ..	{ 12A Hargreaves Building, 5 Chapel Street, Liverpool.
1898 Dec. 6.	1910 Feb. 8.	MILLS, FRANK	{ Red Hill, Beaumaris, Anglesey, N. Wales.
1901 Apr. 23.		MILLS, FREDERICK	{ Ebbw Vale Steel, Iron and Coal Co., Ebbw Vale, Mon.
† { 1903 Apr. 7.	1911 Apr. 11.	MILLS, GEORGE HEMINGWAY ..	{ 2 Winder Terrace, Armagh, Ireland.
1885 Dec. 1.	1907 Mar. 12.	*MILLS, JOHN CHARLES	{ Fairfield, Pembury, Tunbridge Wells.
1884 Feb. 5.	1909 Mar. 9.	*MILLS, WILLIAM BURTON { SAVILLE	{ S.E. & C. Ry., Swanley.
† { 1862 Apr. 1.		MILLS, WILLIAM HEMINGWAY ..	{ Nurney, Glenagarey, co. Dublin.
W T t { 1899 Dec. 5.		MILTON, JAMES TAYLER	{ Lloyd's Register, 71 Fenchurch Street, E.C.
1891 May 5.	1895 May 14.	MIRRELES, WILLIAM JULIUS { B.Sc. (Glas.)	{ 11 Cranmer Road, Cambridge.
1906 Feb. 6.	1912 Apr. 25.	MITCHELL, CHARLES HAMILTON { B.A.Sc. (Toronto)	{ 1001-5 Traders Bank Building, Toronto, Canada.
I { 1910 Mar. 1.		*MITCHELL, HUGH HENRY { GORDON	{ Port Trust, Madras, India.
1902 Dec. 2.	1912 Mar. 12.	MITCHELL, JAMES	{ Engr.'s Office, Harbour Improvement Works, Whitby.
1901 Apr. 2.	1913 Dec. 9.	MITCHELL, LEWIS	{ Town Hall, Bolton.
1911 Dec. 5.		MITTON, HENRY EUSTACE ..	{ Ormonde Fields, Codnor, Derby.
1909 Mar. 2.		MODJESKI, RALPH	{ 220 South Michigan Avenue, Chicago, Ill., U.S.A.
m { 1889 Feb. 5.	1894 May 22.	*MOIR, ERNEST WILLIAM	{ 10 Victoria Street, S.W.
† { 1889 Dec. 3.		MOLESWORTH, HENRY BRIDGES	{ 14 Howick Place, Victoria St., S.W.
W m { 1854 Mar. 7.	1862 Nov. 25.	{ MOLESWORTH, Sir GUILFORD LINDSEY, K.C.I.E. (Past-President)	{ 14 Howick Place, Victoria Street, S.W.
1913 Apr. 22.		{ MOLLETT, ARTHUR HERBERT EDMOND	{ Antofagasta and Bolivia Ry., Antofagasta, Chile.
1889 Feb. 5.	1895 Apr. 9.	MOLLISON, JAMES SMITH	{ Thredbo, Yeo Street, Neutral Bay, Sydney, N.S.W.
1883 Feb. 6.	1908 Mar. 10.	MOLONY, JOHN STORAN, { B.A., M.E. (Royal)	{ 369 Sixteenth Street, Brooklyn, New York, U.S.A.
1893 Feb. 7.	1906 Dec. 18.	MONASH, JOHN, M.C.E. (Melb.)	{ 360 Collins Street, Melbourne, Victoria.
1888 May 1.		{ MONCRIEFF, ALEXANDER BAIN, C.M.G. (former Member of Council)	{ Railways Commissioner, Adelaide, S. Australia.
t { 1890 May 6.	1897 Jan. 19.	MONCRIEFF, JOHN MITCHELL	{ Pearl Buildings, Northumberland St., Newcastle-on-Tyne. (Pentifex, Newcastle-on-Tyne, Central 241.)
1887 May 24.		MONCRIEFF, JOSEPH COWAN BAIN	{ Chief Engr. for Rys., Victoria Square, Adelaide, S. Australia.
1894 Dec. 4.	1911 Apr. 25.	*MONCUR, GEORGE, B.Sc. (Edin.)	{ Glasgow & West of Scotland Technical College, Glasgow.
1893 Dec. 5.	1910 Jan. 11.	MONCUR, JOHN WILLIAM	{ Borough Engineer, Sunderland.
m { 1888 Feb. 7.	1902 Feb. 11.	*MONEY, ROBERT JARRATT	{ Suffolk House, Laurence Pountney Hill, Cannon Street, E.C.
1898 Apr. 5.	1914 Apr. 21.	MONEY-KENT, JULIAN, MONEY VERNON	{ 25 Old Queen Street, Westminster, S.W.

Date of Election and of Transfer.		MEMBERS.	
1875 Dec. 7.)	MONK, HUGH LEWIN	Marling Place, Wadhurst, Sussex.	
1890 Nov. 11.)			
† { 1894 May 22.)	MONKHOUSE, EDWARD WYND-	{ 14 Old Queen Street, Westminster,	
1899 Dec. 12.)	HAM, M.A. (<i>Cantab.</i>)	{ S.W.	
1891 May 5.)	*MOORE, ARTHUR MEYRICK ..	11 Warwick Road, Earl's Court, S.W.	
1898 Nov. 29.)			
1903 Mar. 3.	MOORE, GEORGE	{ Oecchieppo Superiore, Biella, Novara,	
		{ Italy.	
1895 Apr. 2.)	*MOORE, GODFREY WILSON ..	{ South Indian Ry., Trichinopoly, S.	
1913 Jan. 21.)		{ India.	
† { 1883 Dec. 4.)	*MOORE, RICHARD ST. GEORGE	{ 5 Victoria Street, S.W. (Equani-	
1895 Apr. 2.)		{ mous, Vic., London. Victoria	
		{ 1153.)	
1887 Dec. 6.	MOORE, ROBERT	{ Laclede Building, St. Louis, Mo.	
		{ U.S.	
1902 Dec. 2.)	MORCOM, REGINALD KEBLE,		
1912 Jan. 9.)	M.A. (<i>Cantab.</i>)	{ The Clock House, Bromsgrove.	
1904 Jan. 12.	MORDEY, WILLIAM MORRIS ..	82 Victoria Street, S.W.	
† { 1886 Mar. 2.)	MORE, JAMES, Jun.		
1896 Dec. 22.)			
1910 Dec. 6.	*MORE, JOHN RHYS	{ South African Rys. & Harbours,	
		{ Divl. Supt.'s Office, Port Eliza-	
		{ beth, S. Africa.	
† { 1881 Dec. 6.)	*MOREING, CHARLES ALGEENON	{ 20 Copthall Avenue, E.C. (Bewick,	
1888 Feb. 7.)		{ London. London Wall 758.)	
1869 May 4.	*MORELAND, RICHARD	{ 4 Highbury Quadrant, N. (Expan-	
		{ sion, London.)	
1883 Jan. 9.)	MORGAN, CHARLES LANG-	{ L. B. & S. C. Ry., London Bridge,	
1889 Apr. 30.)	BRIDGE (<i>Member of Council</i>)	{ S.E.	
1904 Dec. 6.)	MORGANS, GODFREY EWART,	{ New Broad Street House, New	
1914 Apr. 21.)	B.A. (<i>Cantab.</i>)	{ Broad Street, E.C. (Central 6989.)	
1892 Dec. 6.	MORGANS, THOMAS	60 Queen Square, Bristol.	
† { 1902 Jan. 14.	MORISON, JOHN	{ 14 Saville Row, Newcastle-on-Tyne.	
1897 Apr. 6.	MORLEY, HENRY	{ Pentland, Teignmouth, S. Devon.	
1889 Mar. 5.)	*MORLEY, JOHN GEORGE ..	Town Hall, West Ham, E.	
1911 Jan. 10.)			
1891 Dec. 1.)	MORONY, HENRY VEREKER		
1910 Dec. 20.)	LLOYD, B.E. (<i>Queen's</i>) ..	{ Harbour Engineer, Limerick.	
† { 1870 Mar. 1.)	MORRIS, WILLIAM	{ 25 Breakspears Road, St. John's.	
1877 Dec. 11.)		{ S.E.	
1888 May 15.)	*MORRIS, WILLIAM ROBERT ..	Vernon, British Columbia.	
1904 Mar. 29.)			
1910 Dec. 6.	MORRISON, JOHN WALTER ..	{ Sheffield United Gas Light Co.,	
1904 Dec. 6.	MORRISON, WILLIAM MURRAY	{ Commercial Street, Sheffield.	
		109 Queen Victoria Street, E.C.	
m { 1901 Mar. 5.)	*MORTON, ANDREW HOME ..	{ Norwich Union Chambers, Congrevo	
1910 Feb. 8.)		{ Street, Birmingham. (Council	
		{ Birmingham. Central 6936.)	
t { 1892 Mar. 1.)	MORTON, DAVID HOME	{ 153 St. Vincent Street, Glasgow	
1898 Mar. 1.)		{ (City 9645.)	
1894 Dec. 4.)	*MORTON, HUGH JAMES	{ 17 Blythswood Square, Glasgow	
1906 Jan. 9.)		{ (Central 1848.)	
1905 Jan. 10.)	MORTON, WILLIAM HOBBAED	{ City Engr.'s Office, Wellington,	
1913 Mar. 11.)		{ N.Z.	
m { 1879 Feb. 4.)	*MCSS-BLUNDELL, ARTHUR	{ Sparsholt, near Winchester.	
1888 May 15.)	SPENCE		
1895 Mar. 5.	{ MOTT, BASIL (<i>Member of</i>	{ 9 Ildesleigh Mansions, Caxton	
	{ Council)	{ Street, Westminster, S.W.	
1894 Dec. 4.)	MOULDING, THOMAS	{ City Engineer and Surveyor,	
1909 Apr. 20.)		{ Exeter.	
† { 1885 May 5.	MOUNTAIN, ADRIEN CHARLES ..	{ City Surveyor, Melbourne, Victoria.	
1901 Feb. 5.)	*MOWAT, MAGNUS		
1909 Jan. 12.)		Millwall Docks, E.	

Date of Election and of Transfer.	MEMBERS.	
* (1880 Dec. 7.)	*MOYLE, GEORGE	Heightley, Chudleigh, Devon.
(1890 Nov. 11.)		
1896 Feb. 4.	MUIRHEAD, WILLIAM	{ 41 Parliament Street, S.W. (Amp-
1904 Feb. 23.		{ litude, London. Gerrard 6420.)
1892 May 3.	*MULLALLY, JOSEPH JOHN, C.I.E.	c.o. H. S. King & Co., Pall Mall, S.W.
1888 Feb. 7.	{ MULVANY, CHRISTOPHER JOHN.	Ranelagh House, Roscommon.
	{ B.A.I. (Dubl.)	
1885 May 19.	MUNCE, JAMES	City Surveyor's Office, Belfast.
1905 Dec. 19.		
1889 Dec. 3.	MURGATROYD, SAMUEL LEES..	{ G. C. Ry., Engineer's Office.
1900 Feb. 20.		{ Marylebone, W.
1871 Dec. 5.	MURPHY, PHILIP EDWARD ..	{ 29A Grand Parade, Finsbury Park,
1899 Jan. 24.		{ N.
1891 Mar. 3.	MURRAY, FREDERICK CHARLES	Grindlay & Co., Parliament St., S.W.
1898 Dec. 6.	MURRAY, LEE, M.C.E. (Melb)	10 Norfolk Street, Strand, W.C.
1909 Jan. 12.		
1904 Dec. 6.	MURRAY, STUART	Kyneton, Victoria, Australia.
	{ MURRAY, THOMAS BLACKWOOD.	
1913 Apr. 22.	{ B.Sc. (Edin.)	Heavyside, Biggar, Lanarkshire.
1874 Dec. 1.	MURZBAN, MUNCHERJI COWASJI	{ Gulestan, Murzban Road, Bombay.
1896 Jan. 28.	{ Khan Bahadur, C.I.E.	
1886 Dec. 7.	*MUSGRAVE, JAMES	F. C. Oeste, Via y Obras, Buenos
1909 Feb. 9.		Aires.
1896 Dec. 1.	MUSKER, ARTHUR	{ 61 Lincoln's Inn Fields, W.C.
1902 Apr. 22.		{ (Holborn 1483.)
1896 Dec. 1.	MUSKER, CHARLES	{ 50 Stanwick Mansions, West Ken-
1910 Apr. 26.		sington, W.
1897 Dec. 7.	{ MYLES, THOMAS JOSEPH.	Midland Great Western Railway.
	{ B.A.I. (Dubl.)	Athlone, Ireland.
1902 Jan. 14.	NAIRN, CHARLES CAMERON ..	State Railways, Hobart, Tasmania.
* (1891 Mar. 3.)	*NAPIER, ARCHIBALD SCOTT ..	King, King & Co., Fort, Bombay.
(1905 Apr. 11.)		
1888 Jan. 10.	NAPIER, Hon. EDWARD HER-	Hornsea House, Hornsea, E. Yorks.
1905 Jan. 24.	{ BERT S.	
* (1898 Jan. 11.)	*NAPIER, ROBERT TWENTYMAN	Dunblane, Perthshire.
1900 Dec. 4.		
1910 Dec. 20.	NAZ, JOSEPH LOÏS	Mauritius.
1902 Feb. 4.	NEILSON, WILLIAM HARD-	{ Port Engineer, Chittagong, E.
1913 Dec. 9.	{ CASTLE, B.A., B.A.I. (Dubl.)	Bengal.
1894 May 22.	NEWBIGGING, JOHN GIBSON ..	Gas Department, Manchester.
1903 Dec. 22.		
1882 Dec. 5.	NEWCOMBE, ALFRED CORNE-	{ Fairlawn, Belgrave Road, Brank-
1896 Jan. 28.	{ LIUS	some Park, Bournemouth.
1889 Feb. 5.	*NEWELL, THOMAS MONK ..	Dock Office, Liverpool.
1898 Nov. 29.		
1894 May 22.	NEWINGTON, FRANK ALFRED..	7 Wester Coates Road, Edinburgh.
1902 Dec. 2.		
1895 Dec. 3.	NEWLANDS, ALEXANDER.. ..	Highland Ry., Inverness.
1912 Jan. 9.		
1893 May 16.	*NEWMAN, REGINALD WILLIAM	{ Irrigation Department, P.O. Box 40.
1912 Apr. 2.		{ Cradock, Cape Colony.
1892 Feb. 2.	*NEWMARCH, LEONARD JOHN ..	{ Chinese Government Rys., Tientsin
1910 Jan. 11.		{ [via Siberia].
1894 Feb. 6.	NEWTON, CHARLES BUTTER-	Guildhall, Hull.
1899 Dec. 12.	{ WORTH	
1894 Apr. 3.	NEWTON, CHARLES EDWARD ..	19 Cooper Street, Manchester.
1899 Jan. 10.	*NEWTON, EDWIN BENNETT	Town Hall, Paddington, W.
1910 Feb. 8.	BRIERLEY	

Date of Election and of Transfer.	MEMBERS.	
1890 Dec. 2.	*NICHOLS, ALBERT EDWARD ..	{Boro' Engineer, Folkestone. (Surveyor, Folkestone.)
1910 Jan. 11.		
1886 Dec. 7.	NICHOLS, HARRY BERTRAM ..	11 Victoria Street, S.W.
1902 Dec. 16.		
1888 Apr. 10.	*NICHOLSON, GEORGE TAYLOR ..	Table Bay Harbour, Cape Town, C.C.
1902 Mar. 18.		
1897 April 6.	NICHOLSON, JOHN RUMNEY,	Singapore Harbour Board, Singapore, S.S.
1903 Feb. 10.	C.M.G.	
1881 Feb. 1.	NICHOLSON, WALTER SERY ..	73 Creffield Road, West Acton, W.
1908 Feb. 11.		
1887 May 3.	NICOL, ROBERT GORDON ..	Harbour Engineer, Aberdeen.
1899 Nov. 28.		
1875 Dec. 7.	NICOLLS, THOMAS JOHN FRANCIS,	Glasgow Joint Rys., 14 Bridge Street, Glasgow.
1879 Mar. 25.	B.A. (Dubl.)	
1902 Dec. 2.	*NIMMO, JAMES VALENCE,	c.o. H. S. King & Co., 9 Pall Mall, S.W.
1912 Jan. 9.	B.Sc. (Glas.)	
1902 Apr. 8.	*NIVEN, JAMES JUST ..	{Borough Engr.'s Office, Pietermaritzburg, Natal.
1914 Apr. 7.		
1889 Dec. 3.	NIVEN, THOMAS OGILVIE ..	131 West Regent Street, Glasgow.
1898 Mar. 1.	{NOBLE, SAXTON WILLIAM	8 Great George Street, S.W.
1886 Dec. 7.	ARMSTRONG	
1888 Oct. 30.	NORMAN, CHARLES ERNEST ..	Ry. Dept., Melbourne, Victoria.
1886 Apr. 6.		
1903 Dec. 22.	NORMAN, WALTER	Hill Crest, Dormans Park, Surrey.
1892 May 3.	*NORTH, MARJORIBANKS KEPPEL	{Local Government Board, Whitehall, S.W.
1901 Dec. 11.		
1877 Feb. 6.	NYSTRÖMER, CARL AUGUST	Avenida Alvear 324, Buenos Aires.
1883 May 29.	BERNHARD	
1877 May 1.		
1892 Feb. 23.	OAK, WILLIAM PERCIVAL ..	{Leinster Court, 18, 19 & 20 Leinster Gardens, W.
† {1902 Dec. 2.	OAKLEY, HARRY EKERMANS ..	H.M. Dockyard, Chatham.
1905 Dec. 19.		
1900 Dec. 4.	O'BRIEN, PERCY VINCENT ..	Mines Dept., Perth, W.A.
1910 Jan. 11.		
1879 Apr. 1.	{ODLING, CHARLES WILLIAM,	{Craignoon, Ridgway Gardens, Wimbledon, S.W.
	C.S.I., M.E. (Queen's) ..	
1900 Jan. 9.	O'DONNELL, JOHN PATRICK ..	Palace Chambers, Westminster, S.W.
1900 Feb. 6.		{Engr. for Metropolitan and Agricultural Areas, Water-Supply Dept., Perth, W. Australia.
1905 Dec. 19.	OLDHAM, HUGH	
1895 Dec. 3.		{Obras del Nuevo Puerto de la Capital, Retiro, Buenos Aires.
1908 Jan. 14.	OLDHAM, RICHARD SOULBY ..	68 Shortmarket Street, Cape Town, C.C.
† {1879 Feb. 4.	OLIVE, WILLIAM THOMAS ..	{Board of Works, Melbourne, Victoria.
1891 Nov. 17.		
1889 Mar. 5.	OLIVER, CALDER EDKINS,	Dept. of Agriculture and Technical Instruction for Ireland, 2 Kildare Place, Dublin.
1897 Nov. 30.	M.C.E. (Melb.)	
1889 Dec. 3.	OLIVER, CHARLES DEANE,	{Dept. of Agriculture and Technical Instruction for Ireland, 2 Kildare Place, Dublin.
1901 Dec. 11.	B.A.I. (Dubl.)	
1878 Jan. 15.	OLIVER, HENRY	8 Rothsay Road, Bedford.
1890 Nov. 25.		
1895 Apr. 2.	*OLLEY, CHARLES HENRY ..	{Assistant Engr., Office of Works, Dublin.
1901 Feb. 12.		
1909 Apr. 20.	{O'MEARA, WALTER ALFRED	22 Talgarth Road, West Kensington, W.
	JOHN, Major R.E., ret., C.M.G.	
1884 Feb. 15.	*O'NEILL, WILLIAM PURCELL	{M. G. W. Ry., Broadstone Station, Dublin.
1900 Jan. 30.		

Date of Election and of Transfer.		MEMBERS.	
W t †	1897 Dec. 7.	{ORAM, <i>Sir</i> HENRY JOHN, K.C.B., F.R.S., <i>Engr. Vice-Admiral</i> }	The Admiralty, S.W.
m	1896 Mar. 3.	{*ORCHARD, WILLIAM PATTERSON, B.E. (<i>Queen's</i>)}	St. Andrews, Sandymount, Dublin.
	1892 Dec. 6.	{ORMEROD, GEORGE HOLT ..	{c.o. Griadlay & Co., 54 Parliament Street, S.W.
	1911 Jan. 10.		
	1904 Jan. 12.	ORMSBY, CHARLES CROASDAILE	{District Engr.'s Office, M.G.W. Ry., Galway.
	1906 Mar. 6.	ORMSBY, OSWALD CHRISTIAN	4 Tudor Park, Holywood, co. Down.
	1904 Dec. 6.	{ORR, JOHN, B.Sc. (<i>Glas.</i>) ..	{Transvaal Technical Institute, Johannesburg.
	1910 Apr. 12.		
	1891 Apr. 7.	{OSBORN, FRANK CHITTENDEN	{740 Engineers Building, Cleveland, Ohio, U.S.A. [vaal.
	1900 Apr. 3.		
	1911 Mar. 7.	OSBORN, PHILIP BENJAMIN ..	P.O. Box 1242, Johannesburg, Trans.
	1882 Jan. 10.	{OSBORNE, JAMES}	5 Dean Terrace, Liskeard, Cornwall.
	1885 Feb. 10.		
/	1891 May 5.	{OSMAN, CHARLES WILLIAM ..	Northfield, Chagford, Devon.
	1904 Feb. 16.		
	1909 Feb. 2.	OSTRUP, JOHN CHRISTIAN ..	{17 Battery Place, New York City, U.S.A.
†	{1892 Dec. 6.	{*OSWELL, FRANK, B.A. (<i>Oxon.</i>)}	{15 Bedford Gardens House, Camp- den Hill, W.
	{1901 Dec. 17.		
S †	1905 Jan. 10.	{OTTLEY, <i>Sir</i> JOHN WALTER, K.C.I.E., <i>Colonel</i>}	Leyton, Eastbourne.
†	{1901 Dec. 3.	{OUGH, ARTHUR HENRY	Esk Hall, Sleights, Yorks.
	{1911 Jan. 10.		
	1913 Feb. 4.	OWEN, WILLIAM HENRY	{19 Home Park Road, Wimbledon, S.W.
	1913 Apr. 1.	OWENS, THOMAS GEORGE ..	{Vickers House, Broadway, West- minster, S.W.
	1887 Apr. 5.	{*OXTOBY, WILLIAM}	Borough Engineer, Camberwell, S.E.
	1903 Apr. 7.		
	1877 May 29.	{PACKMAN, JONATHAN	{The White Cottage, Royston, Herts.
	1881 May 21.		
	1891 Dec. 1.	{*PADDON, ARTHUR MATTHEWS	38 Victoria Street, S.W.
	1899 Nov. 28.		
	1909 Apr. 6.	PAGAN, WILLIAM	{Deputy Commissioner for Railways, Brisbane, Queensland.
†	{1870 Feb. 1.	{PAIN, ARTHUR CADLICK	17 Victoria Street, S.W.
	{1877 May 8.		
t T †	{1884 Dec. 2.	{*PALMER, CHARLES STUART}	29 Camden Square, N.W.
	{1899 Nov. 28.		
	1890 Apr. 1.	PALMER, FREDERICK, C.I.E.	{13 Dartmouth Street, Westminster,
	1898 Nov. 29.	(<i>Member of Council</i>)	S.W.
	1870 Dec. 6.	{PALMER, GEORGE}	Suirvale, Cahir, co. Tipperary.
	1879 Nov. 11.		
	1884 May 6.	{PALMER, PHILIP HENRY	Boro' Engineer, Hastings.
	1897 Nov. 30.		
	1893 Dec. 5.	PARK, JAMES HARVEY	{Colonial Engr., Georgetown, British Guiana.
	1912 Jan. 9.	WILLIAMSON, B.Sc. (<i>Edin.</i>)	
	1890 Dec. 2.	{*PARKER, JAMES ALEXANDER, B.Sc. (<i>Glas.</i>)}	{G. N. S. Rys., 80 Guild Street, Aberdeen.
	1904 Mar. 29.		
	1886 Mar. 2.	PARKER, JOHN DUNLOP	217 West George Street, Glasgow.
	1899 Dec. 5.	{PARKER, PHILIP A MORLEY, B.A. (<i>Cambr.</i>), B.C.E. (<i>Melb.</i>)}	25 Victoria Street, S.W.
	1914 Mar. 10.		
S t †	1889 Dec. 3.	PARKER, THOMAS	Severn House, Ironbridge, Salop.
	1882 Mar. 7.	PARKES, BENJAMIN	Avonmore, Castletown, Isle of Man.
	1891 May 12.	M.E. (<i>Queen's</i>), F.C.H. ..	

	Date of Election and of Transfer.	MEMBERS.	
	1884 Apr. 1.	PARKINSON, HENRY WATER-	Railway Dept., Brisbane, Queens-
	1905 Jan. 24.	WORTH	land.
m +	{ 1882 May 2.	*PARKINSON, RICHARD MARION	17 The Crescent, Bedford.
	{ 1914 Feb. 10.		
	1900 Jan. 9.	{ PARRINGTON, MATTHEW WIL-	Hill House, Monkwearmouth.
		LIAM	
+	{ 1875 May 4.	PARRY, EDWARD	Rossmore, Newbold Terrace, Lea-
	{ 1879 Mar. 4.		mington.
	1875 Mar. 2.	PARRY, JOSEPH	Woodbury, Waterloo, Liverpool.
	1887 Feb. 8.		
	1887 Dec. 6.	PARRY, WALTER	{ Ford and MacDonald, Cawnpore,
	1895 Oct. 22.		India.
C +	{ 1895 Mar. 5.	PARSHALL, HORACE FIELD ..	Salisbury House, London Wall, E.C.
	{ 1896 Nov. 24.		(Parshalite, London. London Wall
			301.)
		*PARSONS, <i>Hon. Sir</i> CHARLES	
		ALGERNON, K.C.B., M.A.	
		(<i>Cantab.</i>), D.Sc. (<i>Durham</i>),	
+	{ 1881 May 31.	L.L.D. (<i>Glasgow</i>), D.Eng.	Holeyn Hall, Wylam-on-Tyne.
	{ 1892 Dec. 13.	(<i>Liverpool</i>), F.R.S. (<i>former</i>	
		<i>Member of Council</i>)	
MT m +	{ 1876 May 30.	*PARSONS, <i>Hon.</i> RICHARD	39 Victoria Street, S.W.
	{ 1883 May 8.	CLERE, M.A. (<i>Dubl.</i>)	
T +	1892 Dec. 6.	PARSONS, WILLIAM BARCLAY ..	60 Wall Street, New York, U.S.A.
	1894 May 22.	PARTRIDGE, GERALD WILLIAM	25A Cockspur Street, S.W.
	1901 Apr. 16.		
	1869 May 4.	PASSMORE, FRANK BAILEY ..	{ 5 Laurence Pountney Hill, E.C.
	1879 Feb. 4.		{ (Kuarf, London.)
	1889 Mar. 5.	PATCHELL, WILLIAM HENRY ..	{ Caxton House, Westminster, S.W.
	1898 Dec. 20.		{ (Patchell, London. Victoria 898.)
+	{ 1876 Feb. 1.	PATERSON, MALCOLM McCUL-	35 Manor Row, Bradford.
	{ 1885 May 5.	LOCH	
	1881 Dec. 6.	PATERSON, THOMAS ORMISTON	{ Gasworks, Birkenhead. (Paterson,
	1893 Nov. 7.		{ Birkenhead.)
	1895 Apr. 2.	PATERSON, WILLIAM ALEX-	Caledonian Ry., Buchanan Street
	1897 Dec. 7.	ANDER	Station, Glasgow.
	1897 Apr. 6.	PATTESON, WALTER	{ 22 Highgate Avenue, Fulwood,
	1913 Apr. 29.		{ Preston.
	1883 May 1.	*PAWLEY, RICHARD	{ Hull & Barnsley Ry., 9 Charlotte
	1889 Jan. 15.		{ Street, Hull.
+	{ 1875 May 4.	PAXMAN, JAMES NOAH	Davey, Paxman & Co., Colchester.
	{ 1896 Dec. 15.		
	1900 Dec. 4.	PAYNE, <i>Professor</i> HENRY ..	The University, Melbourne.
	1909 Apr. 6.		
	1887 Apr. 5.	PEACE, GEORGE HENRY	{ The Beeches, Charcoal Road, Dun-
	1889 Dec. 17.		{ ham Massey, Altrincham.
	1880 May 4.	PEACHE, JAMES COURTHOPE ..	{ The Mount, Haywards Heath,
	1899 Nov. 28.		{ Sussex.
	1884 Mar. 4.	PEACOCK, RALPH	{ Charters, Ascot, Berks.
	1900 Apr. 3.	PEAKE, ALGERNON	{ 25 Prospect Road, Ashfield, Sydney,
	1913 Jan. 21.		{ N.S.W.
	1891 Jan. 13.	*PEAKE, ROBERT EDWARD ..	4 Great Winchester Street, E.C.
	1899 Jan. 17.		
+	{ 1890 Dec. 2.	*PEARCE, ALFRED	{ 39 Victoria Street, S.W. (Ecramead,
	{ 1900 Feb. 20.		{ London.)
	1900 Apr. 3.	PEARCE, STANDEN LEONARD ..	{ Corporation Electrical Dept., Dickin-
	1909 Apr. 6.		{ son Street, Manchester.
+	{ 1871 Apr. 4.	*PEARSALL, HOWARD DEVENISH	Garden City, Letchworth, Herts.
	{ 1897 Feb. 2.		
	1897 Apr. 6.	PEARSON, FRED STARK	{ Columbia Building (Room 220), 29
			{ Broadway, New York, U.S.
	1901 Apr. 2.	*PEARSON, HENRY LAWRENCE ..	{ Water and Sewerage Engr., c.o.
	1911 Jan. 10.		{ Municipality, Rangoon, Burma.

Date of Election
and of Transfer.

MEMBERS.

	1903 Feb. 3.	{ PEARSON, JAMES DAVIS, }	B. B. & C. I. Ry., Bandikui, Rajputana, India.
	1913 Jan. 21.	{ B.A., B.E. (Royal) }	
	1900 Apr. 3.	{ PECKITT, REGINALD GODFREY, }	Locomotive Department, Egyptian
	1913 Dec. 9.	{ B.A. (Oxon.) }	Railways, Boulac, Egypt.
	1884 Jan. 8.	* PEDLEY, WILLIAM EVERARD ..	{ 515 Magnolia Avenue, Riverside,
	1913 Feb. 11.		California, U.S.
†	{ 1904 Feb. 2.	{ PEET, HASTINGS FITZEDWARD ..	{ Birchgrove, Kill Avenue, Monks-
	{ 1905 Feb. 14.		town, co. Dublin.
	1889 Feb. 5.	* PEIRCE, ROBERT	{ Municipal Engineer, Singapore,
	1900 Jan. 23.		S.S.
	1887 Apr. 5.	* PELLEREAU, HENRY ETIENNE	Multan, Punjab, India.
	1908 Jan. 14.		
	1892 Dec. 6.	PENNY, LOUIS	The Cedars, East Grinstead.
	1904 Dec. 6.	PERRETT, JOSIAH RICHARD ..	{ Glendyn, Jesmond Park West,
			Newcastle-on-Tyne.
	1895 Dec. 3.	PERRIN, CHARLES	12 Cadogan Court, S.W.
	1898 Dec. 6.	PERROTT, SAMUEL WRIGHT, ..	
	1907 Feb. 12.	{ M.A.I. (Dubl.) }	The University, Liverpool.
t	{ 1900 Dec. 4.	* PERRY, GEORGE STEPHENS ..	{ Perpetual Trustee Co. Ltd., 2, 4 & 6
†	{ 1912 Jan. 9.		Spring Street, Sydney, N.S.W.
	1898 Dec. 6.	{ PERRY, WILLIAM RICHARD	
	1906 Apr. 3.	{ VICTOR PRITTIE, B.A., M.A.I. (Dubl.) }	G. S. & W. Ry., Limerick.
	1900 Dec. 4.	PETTERS, JAMES M'FARQUHAR	{ e.o. Thos. Cook & Son, Ludgate
	1910 Jan. 11.		Circus, E.C.
St	{ 1884 Feb. 5.	* PETTIGREW, WILLIAM FRANK ..	Risedale, Barrow-in-Furness.
†	{ 1894 Jan. 16.		{ 619-820 Temple Court, Atlanta, Ga.,
	1890 Apr. 1.	PEW, ARTHUR	U.S.
	1890 Mar. 4.	{ PHILAN, ALFRED BERNARD, }	7 Marten Road, Folkestone.
		{ B.A. (Dubl.) }	
	1885 Dec. 1.	PHILLIMORE, JOSEPH	{ e.o. Grindlay & Co., 54 Parliament
	1909 Mar. 9.		Street, S.W.
	1873 Feb. 4.	PHILLIPS, ARTHUR FREDERICK	{ Caxton House, Westminster, S.W.
	1883 Apr. 24.		(Umberto, London, Gerrard 1370.)
†	{ 1891 Feb. 3.	{ PHILLIPS, ERNEST ALFRED	
	{ 1908 Apr. 14.	{ WILLIAM }	63 Queen Victoria Street, E.C.
	1914 Jan. 13.	PHILLIPS, GEOFFREY JOHN ..	Rewys, Ladismith, Natal.
	1891 Dec. 1.	* PICKERING, JOSEPH SPIERS ..	Municipal Offices, Cheltenham.
	1905 Jan. 24.		
	1895 Dec. 3.	PICKLES, GEORGE HENRY ..	Boro' Surveyor, Burnley.
	1908 Feb. 11.		
	1891 Feb. 3.	PIDGEON, JOHN	{ Railway Dept., Perth, Western
	1899 Apr. 18.		Australia.
	1891 Feb. 3.	* PIGOTT, FRANCIS JOSEPH ..	P.W.D., Singapore, S.S.
	1906 Dec. 4.		
	1895 Dec. 3.	PILKINGTON, HERBERT	Sheepbridge Ironworks, Chesterfield.
	1899 Nov. 28.		
†	{ 1892 Dec. 6.	{ PIRRIE, Lord, P.C., K.P., LL.D. (Royal) }	e.o. Harland & Wolff, Ltd., 1A Cock-
t	{ 1877 Dec. 4.		spur Street, S.W.
†	{ 1885 Dec. 8.	{ PITT, WALTER }	Newark Foundry, Bath.
	1888 May 15.	PLATT, JOHN	Hynning, Carnforth.
	1882 Mar. 7.	* PLATT, SAMUEL SYDNEY ..	Borough Engineer, Rochdale. (165.)
	1897 Mar. 2.		
	1896 Dec. 1.	PLEDGE, MARTYN FENWICK DE	Nitrate Railway, Iquique, Chili.
	1902 Dec. 16.		
	1891 Dec. 1.	POGSON, ALFRED LEE	{ Oak Bay Post Office, Victoria, B.C.,
	1895 Jan. 22.		Canada.
	1885 Feb. 3.	* POLLARD-URQUHART, MONTAGU	Union Bank of Scotland, Turrieff,
	1894 Feb. 20.	{ ALEXIS }	N.B.
	1894 May 22.	POLLITT, HARRY	
	1899 Jan. 17.		

	Date of Election and of Transfer.	MEMBERS.	
	1897 Feb. 2.)	*POLWHELE, JOHN ARCHIBALD	{c.o. H. S. King & Co., 9 Pall Mall, S.W.
	1907 Feb. 12.)		
	1882 Dec. 5.)	POPKISS, RICHARD	Malvern Lodge, Surbiton.
	1903 Dec. 22.)		
	1900 Jan. 9.	PORTER, JOHN BONSALE	McGill University, Montreal.
	1891 May 5.)		
	1904 Dec. 13.)	POTT, ARTHUR HENRY	69 Victoria Road, Kensington, W.
	1888 Dec. 4.)		
	1905 Jan. 24.)	POWELL, ARTHUR	{10 Orchard Street, College Green, Bristol.
	1904 Jan. 12.)	*POWELL, HERBERT JAMES	{La Paz, Bolivia, S. America.
	1914 Jan. 13.)	BINGHAM	
✱	1878 Feb. 5.)	*POWNALL, CHARLES ASSHETON	{
		WHATELY	
	1893 Dec. 5.)		{Divl. Engr., Longsight Station,
	1913 Jan. 21.)	*PREBBLE, ERNEST	{Manchester.
T t ✱	{1894 Jan. 9.)	*PREECE, ARTHUR HENRY ..	8 Queen Anne's Gate, S.W.
	{1904 Feb. 16.)		
	1897 Apr. 6.)	*PREECE, WILLIAM LLEWELLYN	8 Queen Anne's Gate, S.W.
	1907 Feb. 12.)		
✱	{1888 Dec. 4.)	PRESCOTT, HARRY ERNEST,	{44 Kensington Square, W.
	{1902 Feb. 11.)	M.A. (<i>Cantab.</i>)	
	1901 Apr. 2.)		
	1910 Jan. 11.)	PRESCOTT, WILLIAM HENRY ..	Allington House, Tottenham, N.
✱	1899 Feb. 7.	PREST, JOHN JOSEPH	{Hardwick Hall, Castle Eden, Dur-
			ham.
✱	{1891 Mar. 3.)	PRESTON, FRANCIS JOHN.. ..	{T. Murdoch, Little Gibbs Road,
	{1898 Jan. 25.)		Malabar Hill, Bombay.
m ✱	{1876 May 30.)	*PRESTON, SIDNEY, C.I.E. ..	{Chief Engr. to H.H. the Maharajah
	{1914 Apr. 21.)		Sindhia, Gwalior, Central India.
	1885 Feb. 3.)	PRICE, ALFRED DICKINSON,	{Local Government Board, Dublin.
	1893 Dec. 12.)	M.A.I. (<i>Dubl.</i>)	
t ✱	1888 Dec. 4.	PRICE, JAMES, B.A.I. (<i>Dubl.</i>)..	{Harbour Engr.'s Office, Custom
			House Street, Cork.
	1891 Apr. 7.)	*PRICE-WILLIAMS, JOHN MORGAN	{Tees Valley Water Board, Grass-
	1906 Apr. 10.)		holme Reservoir, Middleton-in-
			Teesdale, Darlington.
T t	{1861 Apr. 9.	PRICE-WILLIAMS, RICHARD ..	{Highbury, St. Swithin's Road,
W S ✱			Bournemouth.
	1889 Dec. 3.)	*PRICE - WILLIAMS, SEYMOUR	{P.O. Nairobi, British East Africa.
	1903 Dec. 22.)	WILLIAM	
	1889 Dec. 3.)	PRIDHAM, THEODORE	P.W.D., Sydney, N.S.W.
	1905 Jan. 31.)		
	1886 Feb. 2.)	*PRIEST, FRANK EDWARD ..	{13 Harrington Street, Liverpool.
	1896 Dec. 15.)		{(6889.)
	1886 Mar. 2.)		
	1902 Apr. 15.)	PRIESTLEY, CHARLES HENRY..	Waterworks Engineer, Cardiff.
	1904 Feb. 2.	PRINGLE, ALBERT JAMES ..	Guanabani 322, F.C. Sud, Buenos
	1894 Mar. 6.)		
	1909 Jan. 12.)	PROCTOR, HAROLD FARADAY..	3 Downs Park West, Bristol. [Aires.
	1889 Dec. 3.)	*PROUSE, ARTHUR DUNCAN ..	{Harbour Engr.'s Office, Colombo,
	1902 Apr. 29.)		Ceylon.
	1886 Jan. 12.)	PRYCE, HENRY JAMES	{73 Marlborough Mansions, West
	1898 Apr. 5.)		Hampstead, N.W.
	1896 Dec. 1.)	*PRYDE, JOHN	{Fairview, Mountfield Road, Church
	1902 Dec. 16.)		End, Finchley, N.
	1899 Mar. 7.)	PULMAN, THOMAS CHARLES ..	43 Birch Grove, Acton, W.
	1910 Mar. 15.)		
	1883 Jan. 9.)	*PURDON, HENRY ATWELL ..	10 Lower Grosvenor Place, S.W.
	1890 May 20.)		
t ✱	1906 Feb. 6.	PURDY, CORYDON TYLER ..	{Everett Building, Union Square
			North, New York.
	1906 Feb. 6.	PURVIS, FRANK PRIOR ..	{Imperial University, Tokio, Japan
			[via Siberia].

Date of Election
and of Transfer.

MEMBERS.

1885 Apr. 14. } *PUTTEN, ERNEST VAN Town Hall, Catford, S.E.
1905 Feb. 28. }
1898 Dec. 6. { PYNE, Sir THOMAS SALTER, } e.o. Badminton Club, 100 Piccadilly,
 { C.S.I. } W.

1873 Feb. 4. } QUELOH, ROBERT JAMES .. { Lawther, Latta & Co., 26 Billiter
1879 Jan. 7. } Buildings, E.C.

1899 Dec. 5. } *RAIKES, HUGH PERCIVAL .. { Union Chambers, 63 Temple Row,
1909 Feb. 9. } Birmingham.
W t + { 1892 Dec. 6. } *RANSOM, HERBERT BYROM .. { St. Stephen's House, Victoria Em-
M m / { 1912 Mar. 12. } bankment, S.W.
 { 1886 Jan. 12. } *RANSOME, JAMES STAFFORD .. { 32 Victoria Street, Westminster,
 { 1898 Nov. 29. } S.W.
m + { 1888 May 15. } *RANSOME, LEWIS HENRY Farndon, Newark-on-Trent.
 { 1897 Nov. 30. }
 { 1886 Jan. 12. } RATTRAY, DAVID CAMPBELL { L. & Y. Ry., Engineer's Office,
 { 1905 Apr. 4. } Manchester.
 { 1898 Apr. 5. } RAVEN, VINCENT LITCHFIELD N.E. Ry., Darlington.
 { 1911 Jan. 10. }
 { 1890 May 4. } *RAYNES, THOMAS 10 Woodlane, Falmouth.
 { 1901 Dec. 11. }
1891 Feb. 3. REA, SAMUEL { Pennsylvania Rlrd., Broad Street
 { REDMAYNE, Sir RICHARD Station, Philadelphia, Pa., U.S.
1908 Mar. 3. { AUGUSTINE STUDDERT, K.C.B., } H.M. Chief Inspector of Mines,
 { M.Sc. (Pham.) } Home Office, S.W.
1873 Dec. 2. } REE, HENRY STRUTT COLLETTE { New Dock Works, Cardiff Ry.,
1885 Dec. 1. } Cardiff.
* { 1891 Dec. 1. } *REED, HENRY ASHMAN { Ship Canal, Spring Gardens, Man-
 { 1902 Feb. 11. } chester. (Navigation, Manchester.
 { City 6224.)
1837 Dec. 6. } REES, FREDERICK HOWELL .. { New Construction, Krootstad,
1913 Dec. 9. } O.F.S., S. Africa.
1905 Apr. 4. REES, ROBERT THOMAS Glandare, Aberdare.
1894 May 22. } REESON, JOSEPH NEWELL .. { Metropolitan Gas Co., Melbourne
1914 Apr. 21. } Victoria.
1904 Dec. 6. } REEVES, FRANK { F.C.B.A.P., Calle Florida 783,
1912 Mar. 12. } Buenos Aires.
1895 Dec. 3. } REID, ALEXANDER 155 Fenchurch Street, E.C.
1908 Feb. 11. }
1904 Dec. 6. REID, ANDREW THOMSON .. { Hyde Park Locomotive Works,
 { Glasgow.
1901 Mar. 5. REID, HERBERT CARTWRIGHT H.M. Dockyard, Rosyth, N.B.
1897 Jan. 12. REID, HUGH { Neilson, Reid & Co., Hyde Park
 { Locomotive Works, Glasgow.
1886 Mar. 2. } *REID, KENNETH { 25 Philbeach Gardens, Earl's Court,
1895 Oct. 22. } S.W.
1893 Dec. 5. } *REID, ROBERT NEWBY HARTLEY { Sunnifelde, Canford Cliffs, Bourne-
1906 Apr. 23. } mouth.
 { RENDEL, Sir ALEXANDER }
1862 May 6. { MEADOWS, K.C.I.E., M.A. } 13 Dartmouth Street, Westminster,
 { (Cantab.) (former Member S.W.
 { of Council) }
1888 Dec. 4. RENDELL, ALAN WOOD 82 York Road, King's Cross, N.
1886 Apr. 6. } *RENTON, ALEXANDER CRAIG, } F. C. del Sud, Plaza Constitucion,
1902 Dec. 16. } B.Sc. (Edin.) } Buenos Aires.

Date of Election and of Transfer.		MEMBERS.	
1905 Dec. 5.	1914 Feb. 10.	*RESTLER, JAMES DOUGLAS KENDALL	{Rickmansworth and Uxbridge Valley Water Co., Batchworth, Rickmans- worth.
† 1886 May 18.	1887 Dec. 6.	RESTLER, JAMES WILLIAM ..	17 Queen's Gate, S.W.
1889 Feb. 7.	1879 May 6.	REUNERT, THEODORE	Box 92, Johannesburg, Transvaal.
1892 Nov. 22.		*REYNOLDS, GEORGE BERNARD	15 Victoria Street, S.W.
1898 Dec. 6.	1910 Apr. 12.	REYNOLDS, JOHN FRANCIS JOD- RELL	{23 Old Queen Street, Westmin- ster, S.W. (Entific, London Victoria 5146.)
1875 Dec. 7.	1883 Nov. 6.	REYNOLDS, PLAYFORD	Bryncam, The Park, Cheltenham.
1908 Dec. 1.	1913 Dec. 9.	REYNOLDS, REGINALD PHILIP NEH	F.C. Buenos Aires y Rosario, 299 Bartolome Mitre, Buenos Aires.
1911 Jan. 10.		REYNOLDSON, WILLIAM COATES	{Goldfields Water Supply Adminis- tration, Hay and George Streets, Perth, Western Australia.
† 1890 May 6.		RHODES, CHARLES EDWARD ..	{Aldwarke Main Colliery, Rother- ham.
1887 Dec. 6.	1893 Nov. 7.	RHODES, JOHN HENRY HORACE WENTWORTH	Highfield, Beeston Royd, Leeds.
1897 Dec. 7.	1871 May 2.	RICE, EDWIN WILBUR, Jun..	Schenectady, New York, U.S.
1883 Nov. 20.		RICE, JAMES	{The Nutshell, Cheam Road, Sutton, Surrey.
1904 Feb. 2.		RICH, WILLIAM	{1 Cambridge Gate, Regent's Park, N.W.
1878 May 7.	1889 Nov. 15.	RICHARD, HENRY JOSEPH ..	67 Gordon Road, Ealing, W.
1881 Apr. 5.		RICHARDS, EDWARD WINDSOR	{Plás Llecha, Tredunnoch, Caerleon, Mon.
1912 Jan. 9.		RICHARDS, EDWIN PERCY ..	Hawkhurst, Bellevue Road, Ware, Herts.
1910 Jan. 11.		{RICHARDS, GEORGE, Jun., F.C.H., B.A. (Lond.)	{c.o. Manager. North-Western Ry., Lahore, India.
† {1888 Dec. 4.	1902 Jan. 28.	RICHARDS, RICHARD WATKINS..	{Equitable Buildings, 350 George Street, Sydney, N.S.W.
1887 Jan. 11.		RICHARDS, THOMAS	The Denny, Portishead, Somerset.
C † 1894 Apr. 3.		RICHARDSON, JOHN	Lincoln.
1885 May 5.	1909 Apr. 27.	*RICKETTS, DASHWOOD POYNTZ	{Chinese Government Rys., Peking- Mukden Line, Tientsin, China.
1904 Feb. 2.		{RICKETTS, PALMER CHAMBER- LAINE	Troy, New York, U.S.
1896 Mar. 3.	1902 Mar. 18.	RIDER, JOHN HALL	{Sleepy Hollow, Parktown, Johannes- burg, Transvaal.
1886 Mar. 2.	1912 Apr. 2.	*RIDLEY, MARTYN NOEL	Alexandra Hotel, Stratford, E.
t † {1866 Dec. 4.	1874 Nov. 17.	RIDLEY, WILLIAM	St. Wilfrid's, E. Grinstead.
t † {1897 Feb. 2.	1908 Jan. 14.	*RIGBY, EDWARD HULME, B.Sc. (Victoria)	{Chinese Government Rys., Tientsin [via Siberia].
1906 Feb. 6.		RIGBY, FRANK	Hilcote Hall, Eccleshall, Staffs.
1910 Dec. 6.		RIGBY, HARRY	Algoa Lodge, Beckenham, Kent.
1872 May 14.	1882 Nov. 7.	RIGG, HENRY	3 Madeley Road, Ealing, W.
1897 Dec. 7.		RILEY, WILLIAM EDWARD ..	{London County Council, Spring Gardens, S.W.
t † 1893 Dec. 5.		{RIPPER, Professor WILLIAM, D.Eng. (Sheffield), D.Sc. (Bristol)	University College, Sheffield.
† {1899 Dec. 5.	1913 Dec. 9.	RITCHIE, EDGAR GOWAR ..	{Metropolitan Board of Works, 501 Collins Street, Melbourne, Victoria.

Date of Election and of Transfer.		MEMBERS.	
m	†	{1880 May 25. 1901 Dec. 7.}	*RITSO, BERNARD WILLIAM .. {I.G.P., Calle Washington 312, Montevideo, Uruguay.
t	†	{1875 May 4. 1902 Mar. 11.}	RIVERS, EDWARD GEORGE, I.S.O. {St. Sunniva, Queen's Road, Rich- mond, Surrey.
W	†	1910 Feb. 1.	*ROBERTS, ALFRED HENRY .. Dock Offices, Leith.
		1907 Apr. 9.	ROBERTS, CECIL HENRY .. {Water Engineer's Office, 41½ Union Street, Aberdeen.
		1913 Jan. 21.	
		1903 Mar. 3.	ROBERTS, DAVID EVAN .. 59 Queen Street, Cardiff.
		1896 May 19.	*ROBERTS, GERVASE HENRY .. 3 Blessington Road, Lee, S.E.
		1909 Apr. 27.	
		1884 Apr. 1.	ROBERTS, MARTIN FENN .. 137 Victoria Street, S.W.
		1899 Dec. 12.	
		1911 Jan. 10.	ROBERTS, ROBERT LLOYD .. {29 Whitehall Gardens, Acton Hill, W.
		1887 Mar. 1.	ROBERTS, THOMAS .. {Adelaide Club, Adelaide, S. Aus- tralia.
		1896 Nov. 16.	
		1893 Feb. 7.	ROBERTS, WILLIAM .. Rockburn, Inverness.
		1898 Feb. 1.	
		1892 May 3.	ROBERTSON, FULTON, .. 58 Linkfield Road, Musselburgh,
		1912 Jan. 9.	B.Sc. (Edin.) .. N.B.
		1887 Feb. 1.	ROBERTSON, JAMES ROBERT .. Fairkytes, Hornchurch, Essex.
		1893 Apr. 18.	
m	†	{1889 Dec. 3. 1901 Feb. 19.}	*ROBERTSON, LESLIE STEPHEN {28 Victoria Street, S.W. (Eyebolts, London.)
	†	{1886 May 4. 1894 Dec. 11.}	*ROBERTSON, ROBERT, .. 154 West George Street, Glasgow. B.Sc. (Edin.) ..
		1893 Dec. 5.	ROBINOW, FRANK .. {4 Mount Street, Berkeley Square, W.
		1880 Dec. 7.	*ROBINS, EDWARD .. c.o. H. P. Becher, 26 Bedford Row,
		1904 Dec. 13.	W.C.
		1904 Jan. 12.	ROBINSON, ARTHUR WELLS .. {14 Phillips Square, Montreal, Canada.
		1875 Apr. 6.	ROBINSON, FRANK EDWARD .. 13 Victoria Street, S.W.
		1895 Jan. 8.	
t	†	{1864 Feb. 2. 1868 Feb. 18.}	ROBINSON, Professor HENRY .. {Parliament Mansions, Victoria Street, S.W.
		1896 Jan. 14.	ROBINSON, JOHN FREDERICK .. 17 Victoria Street, S.W.
		1902 Jan. 14.	ROBINSON, JOHN GEORGE .. Boothdale, Fairfield, Manchester.
		1906 Mar. 6.	ROBINSON, LEONARD LESLIE .. {Electricity Dept., 306 Mare Street, Hackney, N.E.
		1912 Mar. 12.	
		1906 Feb. 6.	ROBINSON, MANSEERGH DIAS .. {New Construction Engr., South African Rys., Johannesburg.
		1893 May 2.	ROBINSON, MARK HEATON .. {Parliament Chambers, Great Smith Street, S.W.
		1876 Dec. 5.	ROBINSON, ROBERT .. Darlington.
		1884 May 27.	ROBINSON, Professor WILLIAM, .. 70 Mapperley Road, Nottingham.
		1900 Mar. 27.	M.E. (Queen's) ..
		1894 Dec. 4.	ROBSON, JOHN JAMES .. 335 High Holborn, W.C.
		1903 Feb. 24.	
		1885 May 19.	*ROBSON, OLIVER CLAUDE .. {Public Offices, Dyne Road, Kilburn, N.W.
		1895 May 14.	
		1913 Feb. 4.	ROBSON, PHILIP WARWICK .. {Dunelm House, Church Lane, Lincoln.
	†	{1898 Dec. 6. 1904 Dec. 13.}	ROCHE, EDWARD RICHARD, .. {Engr.'s Office, Somerset and Dorset Joint Line, Glastonbury.
		1875 May 11.	ROCHE, GEORGE BYLAND .. {146 Church Rd., Upper Norwood, S.E.
	†	{1886 Feb. 2. 1901 Dec. 11.}	ROECHLING, HERMAN ALFRED .. {14 Howick Place, Victoria Street, S.W. (Victoria 5333.)
		1878 May 7.	ROFE, HENRY .. {8 Victoria Street, S.W. (Filliter Rofe, London.)
		1908 Jan. 14.	{ROFE, HENRY JOHN, M.A. (Oxon.) .. 89 Warwick Road, Kensington, W.

Date of Election and of Transfer.		MEMBERS.	
†	1878 May 7.	ROFF, GEORGE LENTON	44 Kensington Park Gardens, W.
	1899 Dec. 5.	{ ROGERS, ARTHUR BURDEN } CAMPBELL	Caledonian Club, Charles Street, St. James's Square, S.W.
	1896 Dec. 1.	{ ROGERS, HERBERT MALCOLM ..	81 Gracechurch Street, E.C.
	1902 Dec. 2.		
	1901 Mar. 5.	{ ROGERS, RICHARD BIRDSALL, } B.A.Sc. (McGill)	{ Trent Canal, Peterborough, Ont., Canada.
	1903 Jan. 13.	ROGERS, TOM HUGH GODDARD	{ L.C.C., Engineer's Dept., Spring Gardens, S.W.
m	† { 1885 Feb. 3. } 1903 Mar. 31. }	* ROOPER, WALTER OSMOND ..	{ 30 College Street, Cannon Street, E.C.
	1903 Apr. 7.	{ ROSE, CECIL GUY	Meonvale, Ashted, Surrey.
	1913 Jan. 21.		
	1910 Jan. 11.	ROSE, FREDERICK CAMPBELL ..	{ Lower Bari Doab Canal, Lahore, India.
	1886 Apr. 6.	{ ROSE, JAMES WILMOT ANDREAS	Caledon, Cape Province, S. Africa.
	1907 Jan. 15.		
	1903 Jan. 13.	{ * ROSHER, EDWARD MARSHALL	{ Cuban Central Rys., Sagua la Grande, Cuba, W.I.
	1913 Jan. 21.		
†	1880 May 25.	{ ROSS, ALEXANDER (Vice-President)	18 Abingdon Street, Westminster S.W.
†	{ 1904 Dec. 6. } 1913 Apr. 8. }	Ross, THOMAS ALEXANDER, } B.Sc. (Alabama)	Magadi Junction, British East Africa.
	1895 Dec. 3.	Ross, WILLIAM, B.E., B.A.	Dick, Kerr & Co., Ltd., Las Palmas, Grand Canary.
	1903 Feb. 17.	(Royal)	
	1904 Dec. 6.	* ROSS, WILLIAM MCGREGOR,	D.P.W., Nairobi, East Africa Pro- tectorate.
	1913 Dec. 9.	M.Sc. (Victoria), B.A., B.E. (Royal)	
	1910 Dec. 6.	* ROTHERA, PERCY	{ 176 Musters Road, West Bridgford, Nottingham.
	1888 Apr. 10.	{ ROTHWELL-JACKSON, CHARLES } LOXTON	Moorfield, Bolton. (34.)
	1891 Jan. 20.		
	1895 Jan. 8.	ROUNTHWAITE, RICHARD SEP-	3 Willis Street, Wellington, New Zealand.
	1903 Dec. 22.	TIMUS	
	1895 Feb. 5.	ROUTLEDGE, WILLIAM HENRY	Glanvaiden, Gilwern, Abergavenny.
†	{ 1895 Feb. 5. } 1902 Dec. 2. }	ROWBOTHAM, JAMES MCKEAN	
	1910 Feb. 1.	ROWELL, HERBERT	{ The Manor House, Jesmond, New- castle-on-Tyne.
t	† 1888 Dec. 4.	ROWLANDSON, CHARLES ARTHUR	{ Hotel Great Central, Marylebone, N.W.
†	1884 Dec. 2.	ROWLEY, WALTER	{ 20 Park Row, Leeds. (Walter Rowley, Leeds.)
	1900 Apr. 3.	{ ROY, THOMAS	{ Govt. Ry. Engr., Blantyre, B.C., Africa.
	1908 Jan. 14.		
†	{ 1893 Mar. 7. } 1905 Dec. 19. }	* ROYAL - DAWSON, FREDERICK } GEORGE	Senior Government Inspector of Rys., Imperial Secretariat, Calcutta.
†	1907 Apr. 23.	RUCK-KEENE, HARRY ARTHUR	71 Fenchurch Street, E.C.
	1897 Apr. 6.	{ RUDGARD, HENRY JOHN ..	{ District Engr.'s Office, N.E. Ry., York.
	1911 Jan. 10.		
	1900 Dec. 4.	{ RUDGARD, WILLOUGHBY DOUGLAS	{ Engineer's Office, N.E. Ry., Bishop Auckland.
	1913 Jan. 21.		
	1881 Dec. 6.	RUSSELL, JOHN	15 Victoria Street, S.W.
	1885 Feb. 3.	RUSSELL, NORMAN SCOTT ..	48 Holland Street, Kensington. W.
	1888 Feb. 7.	{ RUTTAN, HENRY NORLANDE } (Member of Council)	801-2 Confederating Life Building, Winnipeg, Canada.
	1894 May 1.	{ * RUTTER, CHARLES HERBERT ..	Gas Co., Portslade, Sussex.
	1913 Apr. 8.		
†	{ 1886 Apr. 6. } 1901 Feb. 19. }	* RUTTER, HENRY FILLMER ..	{ Met. Water Board, West. Dist., 41-43 Commercial Rd., Pimlico, S.W.
	1884 May 6.	{ RYAN, JOHN HENRY. M.A., LL.B. (Dubl.), (former Member of Council)	39 Nassau Street, Dublin. (Mice, Dublin.)

Date of Election
and of Transfer.

MEMBERS.

	1889 Feb. 5.		SADLER, HENRY	Meriden, Park Avenue, Dover.
	1910 Feb. 8.			
	1881 May 31.	*	ST. CLAIR, <i>Hon.</i> LOCKHART	e.o. Grindlay & Co., 54 Parliament
	1903 Feb. 10.		MATTHEW, C.I.E.	Street, S.W.
✱	{1877 Feb. 6.		ST. GEORGE, PERCIVAL WALTER	
	1887 Feb. 1.			
	1896 Feb. 4.		SAISE, ALFRED JOHN	{Ventnor House, Forest Road, Fish-
	1912 Apr. 25.			ponds, Bristol.
	1887 May 24.		SAISE, WALTER, D.Sc. (<i>Lond.</i>)	East Indian Ry., Giridib, Bengal.
	1913 Jan. 14.		SALKIELD, TOM	Civil Lines, Delhi, India.
	1904 Jan. 12.		SALMON, CHARLES	Oakhurst, Erith, Kent.
	1878 Apr. 2.			
	1879 Apr. 8.		SALTER, JOHN	75 Trafalgar Road, Egremont, Ches.
	1888 Dec. 4.			
	1893 Mar. 28.		SAMPSON, JOHN	8 The Sanctuary, Westminster, S.W.
✱	{1899 Dec. 5.		SAMUELSON, BERNHARD	
	1913 Apr. 8.		MARTIN	Thos. Cook & Son, Rangoon.
	1882 Dec. 5.			
	1893 Mar. 14.		SAMUELSON, ERNEST	Bodieote Grange, Banbury.
	1904 Dec. 6.			
	1913 Mar. 11.		SANDEMAN, CHRISTIAN HAROLD	{1 St. Nicholas Buildings, Newcastle-
				on-Tyne.
C ✱	{1888 Feb. 7.		*SANDEMAN, EDWARD	17 Victoria Street, S.W.
	1897 Jan. 12.			
✱	1873 Feb. 4.		SANDEMAN, JOHN WATT	{1 St. Nicholas Buildings, Newcastle-
				on-Tyne.
	1881 Feb. 1.		SANDIFORD, CHARLES, C.B.	{H. S. King & Co., 65 Cornhill,
				E.C.
T t ✱	{1890 Dec. 2.		*SANER, JOHN ARTHUR	Weaver Navigation, Northwich.
	1896 Nov. 24.			
	1898 Apr. 5.		*SANGSTER, WILLIAM PETER	{Malakand, North-West Frontier,
	1912 Apr. 30.			India.
S T t ✱	1895 Feb. 5.		{SANKEY, MATTHEW HENRY	Marconi House, Strand, W.C. (City
			{PHINEAS RIAL, <i>Capt.</i> R.E. <i>ret.</i>	8710.)
	1882 Dec. 5.		SANTOS, JOSÉ AMÉRICO DOS	{Caixa 748, Rio de Janeiro. (Zamerico,
				Rio.)
	1908 Mar. 3.		SARJANT, SAMUEL JOHN	Parell, Bombay.
✱	{1876 Jan. 11.		*SAWYER, ERNEST EDWARD,	
	1880 Dec. 21.		M.A. (<i>Contab.</i>)	26 Lancaster Gate Terrace, W.
	1910 Dec. 6.		SAYERS, JOSIAH	Midland Railway, Derby.
	1895 Dec. 3.		SCAIFE, THOMAS EARLE	{Irrigation Dept., P.O. Box 23, Cape
	1910 Jan. 11.			Town.
	1885 May 19.		SCHENK, AUGUSTUS OSWALD	Harbour Office, Swansea.
	1896 Feb. 4.		{SCHNOOR, EMILIO ARMANDO	
			HENRIQUE	Rua 1º Março 40, Rio de Janeiro.
	1894 Feb. 6.		*SCONCE, HENRY ARCHIBALD	e.o. Grindlay and Co., 54 Parliament
	1914 Jan. 13.		KEER	Street, S.W.
	1883 Dec. 4.		SCOONES, THOMAS JAMES	10 Orchard St., College Green, Bristol.
	1888 Feb. 21.			
	1889 May 21.		*SCORGIE, NORMAN	Town Hall, Hackney, N.E.
	1901 Feb. 19.			
	1897 Apr. 6.		SCORRAR, JORGE BLACK	{Rua Duque de Caxias 26, São Paulo,
				Brazil.
t ✱	{1890 Apr. 1.		SCOTT, ADAM	28 Victoria Street, S.W.
	1897 Mar. 2.			
	1900 Dec. 4.		SCOTT, CHARLES VICTOR	e.o. H. S. King & Co., 9 Pall Mall,
	1911 Apr. 25.		GEORGE, M.A., B.A.I. (<i>Dubl.</i>)	S.W.
	1896 Dec. 1.		{SCOTT, FREDERICK WILLIAM	Maythorpe, Buckhurst Road, Bex-
			MORTIMER	hill-on-Sea.
✱	{1892 Feb. 2.		SCOTT, GEORGE HALL	{Sir John Jackson, Ltd., 53 Victoria
	1900 Dec. 18.			Street, S.W.
	1901 Apr. 2.		SCOTT, JOHN	Chief Engineer, Port Commission,
				Calcutta.

Date of Election and of Transfer.		MEMBERS.	
1888 Jan. 10.	*	SCOTT, <i>Professor</i> ROBERT	{ Canterbury College, Christchurch,
1899 Dec. 12.		JULIAN	{ N.Z.
1891 Feb. 3.		SCOTT, WILLIAM BELLHOUSE ..	{ Eversley Cottage, Middleton, Lancs.
1873 Jan. 14.		SCOTT, WILLIAM HENRY ..	{ 13 Gisborne Street, Elsternwick,
1885 Dec. 15.			{ Melbourne.
1894 Dec. 4.	*	SEARS, ROBERT HUMPHRY ..	{ District Engr., East Indian Ry.,
1910 Apr. 12.			{ Delhi.
✱ 1885 Dec. 1.		SEATON, ALBERT EDWARD ..	{ 32 Victoria Street, S.W. (Seaquake,
			{ London. Victoria 207.)
1881 Jan. 11.		SEATON, EDWARD PARKE ..	{ Newtown Farm, South Hayling,
1892 Mar. 15.			{ Hants.
✱ (1894 Feb. 6.)	*	SEGRAIS, PAUL LE JUGE DE ..	{ Public Works and Surveys Office,
1906 Feb. 6.)			{ Port Louis, Mauritius.
1913 Feb. 4.		SELANDER, JOHN EINAR ..	{ c.o. Royal Societies Club, St. James's
			{ Street, S.W.
t (1886 Mar. 2.)		SELLON, STEPHEN PRESCOTT	{ 36 Victoria Street, S.W.
1903 Dec. 22.		WHITE D'ALTE	
1882 Feb. 7.		* SELLS, CHARLES DE GRAVE ..	{ Cornigliano, Ligure, Italy.
1895 Nov. 5.			
1896 Dec. 1.		* SETTLE, JOSEPH RISLEY ..	{ Waterport Improvement Contract,
1905 Feb. 28.)			{ Contractor's Office, Gibraltar.
t ✱ 1913 Feb. 4.		SEUROT, PAUL ALBERT NICOLAS	{ Room 604, 263 St. James Street,
			{ Montreal.
1873 Feb. 5.		SEWELL, WILLIAM	{ Manor Office, North Bridge Street,
1896 Feb. 11.			{ Sunderland.
t ✱ 1880 Jan. 13.		SEYRIG, THEOPHILUS	{ 6 Rue de Tocqueville, Paris.
T t ✱ 1893 Dec. 5.		SHANKLAND, EDWARD CLAPP	{ The Rookery, Chicago, Ill., U.S.A.
1906 Dec. 4.		SHARROCK, FRANCIS GILBERT	{ Metropolitan Water Board, Southern
			{ District, Brixton Hill, S.W.
1877 Dec. 4.		SHAW, ARTHUR EDMUND ..	{ Calle Allende 3520, Villa Devoto,
1882 Feb. 14.			{ Buenos Aires.
1913 Dec. 2.		SHAW, GEORGE	{ Engr.'s Office, Dock Office, Hull.
1890 Apr. 1.		* SHAW, HERBERT	{ Town Hall, Ilford, Essex.
1906 Dec. 4.			
t ✱ 1907 Mar. 5.		SHAW, JOSHUA	{ Engineer's Office, Mersey Railway,
			{ Central Station, Birkenhead.
✱ (1894 Feb. 6.)		SHAW, PERCY WILLIAM	{ J. Timms, Railway Contractor, Vic-
1904 Apr. 19.)			{ toria Sq., Adelaide, S. Australia.
1879 Feb. 4.		* SHAW, SAM	{ Dewsbury.
1899 Mar. 7.			
1897 Apr. 6.		* SHAW, WILLIAM BARBOURE ..	{ 17 Blythswood Square, Glasgow.
1906 Jan. 9.			{ (Central 1848.)
✱ 1902 Jan. 14.		{ SHAW, WILLIAM ROBERT,	{ 152 Church Road, Upper Norwood,
		{ M.E. (Royal)	{ S.E.
t ✱ (1845 May 6.)		SHEARS, WILLIAM	{ 23 Kempshott Road, Streatham, S.W.
1877 May 8.)			
1885 Dec. 1.		SHEDLOCK, OCTAVIUS JAMES ..	{ Grindlay & Co., Parliament St.,
1894 Nov. 6.)			{ S.W.
1905 Dec. 5.			{ Board of Land and Works, Railway
1913 Mar. 11.)		SHEERAN, HUGH O'BRIEN ..	{ Construction Branch, Spencer
			{ Street, Melbourne.
S ✱ (1895 Apr. 2.)		* SHEILDS, FRANCIS ERNEST	{ L. & S.W. Ry., Docks Dept., South-
1905 Jan. 10.)		WENTWORTH-	{ ampton.
1887 Dec. 6.		SHELDON, PERCY JOHN	{ County Surveyor's Office, Chelms-
1905 Jan. 24.)			{ ford.
1892 Jan. 12.		SHELDON, WILLIAM JOHN ..	{ São Paulo Ry., São Paulo, Brazil.
1900 Dec. 19.)			
✱ (1897 Mar. 2.)		* SHELFORD, FREDERIC,	{ 1 Victoria Street, S.W. (Useful-
1902 Feb. 11.)		B.Sc. (Lond.)	{ ness, London.)
✱ (1882 Dec. 5.)		* SHELLSHEAR, WALTER	{ 64 Victoria Street, S.W.
1892 May 3.)			
1875 Dec. 7.		SHERMAN, WILLIAM HANBURY	{ Grindlay & Co., Parliament St., S.W.
1882 Nov. 7.)		PETTINGAL	

Date of Election
and of Transfer.

MEMBERS.

1885 Dec. 1.	1901 Dec. 11.	*SHIELD, ARTHUR HINDHAUGH .	1 Victoria Street, S.W.
1866 Jan. 9.	1870 Dec. 6.	SHIELD, HENRY	Fawcett, Preston & Co., Liverpool.
1889 May 7.	SHIELD, WILLIAM	19 North Side, Clapham Common, S.W.	{ 22 Igura 4th Street, Azabu, Tokio, Japan [via Siberia].
† 1909 Dec. 7.	SHIRAIISHI, NAOJI		
1891 Dec. 1.	1900 Jan. 23.	*SHOOSMITH, HARRY	Wynford, Abbey Wool, Kent.
1877 Dec. 4.	1890 Mar. 18.	{ *SHORES, JOHN WALLIS. C.M.G. (former Member of Council)	Rutland, Scottsville, Pietermaritz- burg, Natal.
1896 Dec. 1.	1909 Jan. 12.	*SHORTLAND, CHARLES VINCENT	e.o. H. S. King & Co., 65 Cornhill,
1877 May 1.	NIXON		E.C.
1893 Mar. 28.	SHORTT, CHARLES HENRY ..		{ Bramcote, Bramcote Road, Putney, S.W.
1898 Dec. 6.	*SHOUBRIDGE, HARRY OLIVER		Sanitary Engr. to Government,
1913 Feb. 11.	BARON		P.W.D., Poona, Bombay.
1887 Dec. 6.	*SIBBERING, GEORGE THOMAS ..		{ Engineer, Taif Vale Railway, Car- diff.
1896 Mar. 31.	SICCAMA, HARCO THEODORUS		e.o. St. Stephen's Club, Westminster,
t † { 1869 Feb. 2.	HORA		S.W.
1879 Jan. 28.	*SIEMENS, ALEXANDER (Past- President)		Caxton House, Westminster, S.W.
1873 Feb. 4.	SIMONS, ROBERT CHERRY,		(Siemens, London. Gerrard 860.)
1890 Nov. 25.	B.E., B.A. (Royal)		Engr.'s Office, G.W. Ry., Temple- meads, Bristol
1902 Apr. 8.	*SILCOCK, EDWARD JOHN		{ Sanctuary House, Tothill Street, S.W. (Oxygenated, London.)
1887 Feb. 1.	1901 Feb. 26.		{ 40 Broadway, Westminster, S.W.
1906 Feb. 6.	SILLAR, ARTHUR MOLYNEUX ..		(Ayemess, London. Victoria 4773.)
1879 Feb. 4.	SILVA, DOMINGOS SERGIO DE		Rua Christovão Colombo, Rio de
1888 Feb. 14.	SABOIA E		Janeiro
1880 Feb. 3.	SIM, CHARLES LOUIS		{ Parelle, Beechwood Road, Sander- stead, Surrey.
1891 Dec. 8.	SIMMONS, JOHN		Bank Chambers, Doncaster.
1883 May 1.	1890 Nov. 11.	*SIMON, ERNEST DARWIN,	
1905 Feb. 7.	B.A. (Cantab.)		20 Mount Street, Manchester.
1913 Jan. 21.	SIMON, FREDERICK		4 Colville Gardens, Bayswater, W.
1881 May 3.	SIMPSON, ARTHUR TELFORD ..		38 Parliament Street, S.W.
1868 Feb. 4.	1874 Apr. 14.		{ 193 Wymering Mansions, Elgin Avenue, W.
1875 Jan. 12.	SIMPSON, BENJAMIN CRISPIN ..		
1888 Jan. 17.	SIMPSON, DAVID CARNEY ..		Govt. Rys., Redfern, Sydney, N.S.W.
1882 May 2.	1893 Feb. 7.	SIMPSON, EDWARD MAESH ..	{ C. H. Walker & Co., Ltd., Casilla Correo 796, Buenos Aires.
1890 Dec. 2.	1903 Feb. 10.	SIMPSON, JOHN BELL	Bradley Hall, Wylam-on-Tyne.
† 1870 Feb. 1.	1900 Dec. 4.	*SIMPSON, WILLIAM	Harbour Engr., Sunderland.
1909 Jan. 12.	SIMS, THOMAS, C.B.		{ 83 Albemarle Road, Beckenham, Kent.
1904 Jan. 12.	1887 Mar. 1.	*SIMSON, DAVID	Ickleford Manor, Hitchin, Herts.
1897 Nov. 30.	1893 Dec. 5.	*SINNOTT, EDWARD STOCKLEY	The Shire Hall, Gloucester.
1895 Jan. 10.	1897 Mar. 2.	*SISSON, NORMAN	81 Sharia Abbas, Cairo, Egypt.
1908 Mar. 10.	1914 Jan. 13.	SIVESS, JOHN ROBERT	{ Superintending Civil Engr., H.M. Dockyard, Malta.
1892 Dec. 6.	1913 Jan. 21.	*SKINNER, HARRY ROSS	{ Durban-Rodepoort Mining Co., Johannesburg, Transvaal.

Date of Election and of Transfer.		MEMBERS.	
1888 Feb. 7.	SMAIL, JOHN MOORE	.. ..	{ Water Supply & Sewerage Dept., Sydney, N.S.W.
1897 Dec. 7.	SMALL, FREDERICK HENRY	.. ..	{ Rotherwood, Gordon Road, Chats- wood, Sydney, N.S.W.
1886 Feb. 2.	*SMELT, JOHN DANN	.. ..	{ Greylands, Castle Bar Park, Ealing, W. (Smelt, London.)
1899 Jan. 17.			
1876 May 30.			
1878 May 14.	SMITH, ALEXANDER	.. ..	3 Newhall Street, Birmingham.
1908 Jan. 14.	SMITH, ALEXANDER	.. ..	{ Tradeston Gas Works, Crawford Street, Glasgow.
1882 Mar. 7.	SMITH, ARTHUR KEEN	.. ..	{ 15 Clarendon Road, Wallington, Surrey.
1900 Mar. 27.			
1885 Feb. 3.			
1901 Dec. 11.	*SMITH, CECIL ARCHIBALD, C.I.E.		Templenoe, Westward Ho, N. Devon.
1894 Feb. 6.	*SMITH, CHARLES CLEMESHA	.. ..	Waterworks, Wakefield.
1905 Mar. 21.			
1885 Jan. 13.			
* { 1895 Oct. 22.	SMITH, CHARLES WALTER	.. ..	{ Metropolitan Board of Water Supply and Sewerage, Sydney, N.S.W.
1887 Feb. 1.	SMITH, CYRIL	.. ..	{ C. Stanley Barnes, Patino-cué, Paraguay, S. America.
1904 Apr. 19.			
t + { 1893 Dec. 5.			
1903 Feb. 17.	*SMITH, HAROLD DUKE	.. ..	G.W. Ry., North Road, Plymouth.
1884 Dec. 2.	SMITH, HENRY	.. ..	101 Grosvenor Road, S.W.
1893 Nov. 14.			
1887 Feb. 1.			
1889 May 14.	SMITH, HENRY BADELEY	.. ..	Vancouver, British Columbia.
1907 Jan. 8.	SMITH, HENRY JOSEPH TRIVESS		Hydraulic Engr., Bombay, India.
1913 Dec. 9.			
1881 Dec. 6.			
1896 Mar. 17.	*SMITH, HERBERT BLOMFIELD		44 Alleyn Road, West Dulwich, S.E.
T J m + 1910 Apr. 19.	*SMITH, JONAH WALKER	.. ..	{ Local Government Board, George Street, Edinburgh.
1909 Mar. 2.	SMITH, JONAS WALDO	.. ..	165 Broadway, New York City, U.S.
1912 Apr. 23.	SMITH, SAMUEL FRANCIS	.. ..	260 Gray's Inn Road, W.C.
1874 Apr. 14.	SMITH, URBAN ARMSTRONG	.. ..	County Surveyor, Hatfield, Herts.
1902 Dec. 2.			
1877 Jan. 16.			
1889 Jan. 15.	SMITH, WILLIAM ARCHIBALD		{ Punchard & Co., 151 Cannon Street, E.C.
1891 Jan. 13.	SMITH, WILLIAM CHARLES CLIFFORD	.. ..	{ 6 Waterloo Place, S.W.
1901 Mar. 5.			
1886 May 4.			
1910 Mar. 15.	*SMITH, WILLIAM CHARLES ERNEST	.. ..	{ c.o. National Bank of Egypt, 3 & 4 Lothbury, E.C.
1892 Apr. 5.	SMYTH, JAMES STEVENSON,		Bangkok Dock Co., Ltd., Bangkok,
1906 Mar. 20.	B.E. (Royal)	.. ..	Siam.
1890 Jan. 14.	SNELL, ALBION THOMAS	.. ..	Suffolk House, Cannon Street, E.C.
1905 Feb. 7.			
1895 Mar. 5.			
W + { 1903 Dec. 22.	*SNELL, Sir JOHN FRANCIS CLEVERTON	.. ..	{ 8 Queen Anne's Gate, S.W.
1906 Dec. 4.	SNOWDEN, FRED	.. ..	Manila Ry., Box 448, Manila.
1908 Feb. 11.			
S + 1912 Jan. 9.	SNYDER, GEORGE DUNCAN	.. ..	{ Jacobs & Davies, 30 Church Street, New York, U.S.A.
1883 Mar. 6.	SOARES, JOÃO TEIXEIRA	.. ..	{ Rua Sachet 27, Caixa 681, Rio de Janeiro.
1904 Dec. 6.	*SOLEY, ALEXIS	.. ..	90 Arundel Road, Littlehampton.
1908 Mar. 10.			
1880 Apr. 6.			
1905 Feb. 7.	SOPWITH, ARTHUR	.. ..	Wavertree, Handsworth, Staffs.
1904 Jan. 12.	SORZANO, JULIO FEDERICO	.. ..	{ 228 Garfield Place, Brooklyn, New York.
			{ Harbour Board, East London, South Africa.
+ 1875 May 4.	{ SPAGNOLETTI, CHARLES ERNEST PAOLO DIANA	.. ..	{ 16 Frogmal Lane, Hampstead, N.W.

Date of Election and of Transfer.		MEMBERS.	
†	{ 1894 Mar. 6. 1900 Jan. 30. }	SPARKS, CHARLES PRATT ..	{ Branscombe, Brighton Road, Sur- biton.
†	{ 1867 Dec. 3. 1910 Jan. 11. 1895 Mar. 5. }	SPENCER, JOHN FREDERICK .. SPENGL, HERMANN GEORG .. SPRAGUE, FRANK JULIAN ..	{ 62 Douglas Road, Herne Bay. Holzdamm 44, Hamburg, Germany. 165 Broadway, New York, U.S.
†	{ 1881 Dec. 6. 1885 May 19. }	{ SPRING, Hon. Sir FRANCIS JOSEPH EDWARD, K.C.I.E., M.A.I. (Dubl.) (former Member of Council) }	Harbour, Madras, India.
†	1904 Jan. 12.	*SPYER, ARTHUR	{ Oriel House, Farringdon Street, E.C.
†	1889 May 7.	*SQUIRE, WILLIAM WILKINSON	Docks, Cumberland Basin, Bristol.
	1882 Feb. 7. 1885 Feb. 3. 1899 Feb. 6. }	STABLES, HENRY LEONARD ..	The Pines, Flitwick, Beds.
	1907 Apr. 23. }	STACPOOLE, STEPHEN WESTROPP	{ 3a Avenida de la Libertad 5, Orizaba, Vera Cruz, Mexico.
	1891 Dec. 1. 1900 Dec. 18. }	*STANFIELD, Professor RICHARD, F.R.S.E.	Heriot-Watt College, Edinburgh.
T t †	1877 May 29.	{ STANLEY, HENRY CHARLES (former Member of Council) }	129 Moreton Street, New Farm, Brisbane, Queensland.
	1914 Jan. 13.	{ STANLEY, TALBOT FRANCIS MONTAGUE }	Creek Street, Brisbane, Queensland.
	1886 Dec. 7. 1901 Feb. 5. }	*STANSFELD, ALFRED WOL- RYCHE	The Raikes, Skipton, Yorks.
†	1892 Dec. 6.	{ STANTON, ROBERT BREWSTER, M.A. (Miami Univ., Ohio) }	32 Nassau Street, New York, U.S.
S t †	{ 1894 Feb. 6. 1904 Dec. 13. }	{ STANTON, THOMAS ERNEST, D.Sc. (Victoria) }	National Physical Laboratory, Ted- dington.
	1892 Feb. 2. 1909 Apr. 20. }	*STAPLES, SYDNEY FRANCIS ..	11 Victoria Street, S.W.
	1898 Feb. 1. 1910 Jan. 11. }	*STAPLETON, BRYAN, F.C.H. . .	26 Riverside, Barrackpore, India.
	1899 Mar. 7. 1912 Jan. 9. }	*STAPYLTON, ALAN	Lumding, Assam-Bengal Ry., Assam.
	1893 Feb. 7. 1912 Jan. 9. }	*STAWELL, JONAS MOLESWORTH	{ Ry. Construction Dept., Sydney, N.S.W.
	1902 Dec. 2.	{ STEADMAN, JAMES HARDIE, M.A.I. (Dubl.) }	Donegal County Surveyor's Office, Londonderry.
	1899 Apr. 11. 1913 Jan. 21. }	STEELE, WILLIAM JONES ..	Town Hall, Newcastle-on-Tyne.
W †	1900 Mar. 6.	STEIGER, ALPHONSE	32 Victoria Street, S.W.
	1886 Dec. 7. 1903 Feb. 17. }	STEPHENS, FREDERICK ORLANDO	{ The Homestead, Oranjezicht, Cape Town.
S †	{ 1881 Jan. 11. 1894 Jan. 9. }	*STEPHENS, GEORGE HENRY, C.M.G.	Oaklea Warren, Newick, Sussex.
	1894 Dec. 4. 1914 Mar. 10. }	*STEPHENS, HOLMAN FRED ..	Light Railway Office, Tonbridge.
	1904 Apr. 12. 1910 Mar. 15. }	STEVENS, THEODORE	{ 26 Montalt Road, Woodford Green, Essex.
†	{ 1887 Feb. 1. 1891 Apr. 28. }	STEVENSON, CHARLES ALEX- ANDER, B.Sc. (Edin.), F.R.S.E. .	84 George Street, Edinburgh.
t m †	{ 1884 May 6. 1886 Dec. 7. }	STEVENSON, DAVID ALAN, B.Sc. (Edin.), F.R.S.E. ..	84 George Street, Edinburgh.
†	{ 1881 Mar. 1. 1889 Jan. 22. }	STEVENSON, EDMUND HERBERT	{ 38 Parliament Street, S.W. (Holo- meter, London.)
	1881 Mar. 1. 1889 Jan. 22. }	STEVENSON, FLETCHER WILSON	Gasworks, Coventry.
	1897 Feb. 2.	{ STEWART, ABRAHAM McCaus- LAND, B.A.I. (Dubl.) }	Shipquay Street, Londonderry.
	1890 May 20. 1898 Apr. 26. }	STEWART, ALEXANDER	Salisbury House, London Wall, E.C.

Date of Election and of Transfer.		MEMBERS.	
1910 Dec. 6.	{	STEWART, ALEXANDER FOR- RISTER	{ Chief Engr. of Construction, Canadian Northern Ry., 1 Toronto Street, Toronto, Canada.
✠ { 1883 Apr. 3.	{	STEWART, CHARLES EDWARD ..	{ Hongkong and Shanghai Bank, Hankow, China [via Siberia].
1900 Mar. 26.			
1914 Jan. 13.			
1894 Feb. 6.			
1909 Mar. 9.	{	STEWART, JOHN EDWIN ..	{ Avenida de Mayo 651, Buenos Aires.
1880 May 25.	{	STEWART, JOHN TIFFIN ..	{ 21 Plymouth Street, Wanganui, N.Z.
m ✠ { 1883 Feb. 6.	{	*STEWART, THOMAS (former Member of Council)	{ 6 St. George's Chambers, Cape Town, C.C.
1893 May 2.			
t ✠ { 1892 Dec. 6.	{	*STILGOE, HENRY EDWARD ..	{ City Engr., Birmingham.
1905 Mar. 14.			
1893 May 2.			
1908 Jan. 14.			
1886 Dec. 7.	{	STIRLING, JAMES ..	{ Chelsea Electricity Co., 19 Cadogan Gardens, S.W.
1891 Feb. 3.	{	STIRLING, MATTHEW ..	{ Doon, Ashford, Kent.
✠ 1898 Jan. 11.	{	STIRLING, ROBERT ..	{ Hull & Barnsley Ry., Spring Head, Hull.
1891 May 5.	{	STOCKMAN, BENJAMIN ..	{ The Anchorage, Dormans Park, Surrey.
1898 Nov. 29.			
1885 Dec. 1.			
t m ✠ { 1902 Dec. 16.	{	*STOKES, FREDERICK WILFRID SCOTT	{ 9 High Road, Whetstone, N.
1910 Dec. 6.			
1875 May 4.			
t ✠ { 1896 Feb. 4.	{	STONE, ERNEST ALBERT, Ma.E. (McGill)	{ 609 Dominion Trust Building, Van- couver, B.C.
1900 Dec. 19.			
1904 Dec. 6.			
1886 May 18.			
1893 Oct. 3.	{	*STONE, EDWARD WALLER, C.I.E., M.E. (Queen's) ..	{ The Gables, Coonoor, Madras Presi- dency.
1910 Dec. 6.			
1876 Feb. 1.			
1888 Dec. 4.			
1900 Jan. 30.	{	*STOREY, WILLIAM JOHN PATRICKSON	{ Oakley, Heaton Road, Newcastle- on-Tyne.
1906 Dec. 4.			
1913 Jan. 21.			
1906 Dec. 4.			
1914 Apr. 21.	{	*STRAATEN, ENGLEBERT HUGH VAN DER	{ 726 Salisbury House, E.C.
1900 Apr. 3.			
1913 Feb. 11.			
1892 Jan. 12.			
1899 Dec. 12.	{	STRACEY, HERBERT JAMES ..	{ Chief Engineer, Mannar Railway, Ceylon.
1875 May 4.			
1882 Mar. 7.			
1889 Dec. 3.			
1905 Jan. 10.	{	*STRACHEY, RICHARD SHOLTO ..	{ Tower House, Kelston, Bath.
1883 May 29.			
1898 Nov. 29.			
1876 May 2.			
1877 Nov. 27.	{	*STRAIN, JOHN (Vice-President)	{ Cassillis House, Ayrshire.
1894 Dec. 4.			
1908 Apr. 7.			
1889 Apr. 2.			
1885 Dec. 1.	{	*STROMAYER, JOHANN PHILIP EDMOND CHARLES	{ M. & S. M. Ry., Royapuram, Madras, India.
1897 Nov. 30.			
1894 Dec. 4.			
1890 Jan. 10.			
t ✠ { 1883 May 29.	{	*STRANGE, WILLIAM LUMISDEN	{ Laracor, Mill Road, Worthing.
1898 Nov. 29.			
1876 May 2.			
1877 Nov. 27.			
1894 Dec. 4.	{	*STRIDE, ARTHUR LEWIS ..	{ Bush Hall, Hatfield, Herts.
1908 Apr. 7.			
1889 Apr. 2.			
1885 Dec. 1.			
1894 Dec. 4.	{	*STRIDE, HERBERT WALTER ..	{ 1744 Monadnock Block, Chicago, Ill., U.S.
1897 Nov. 30.			
1894 Dec. 4.			
1890 Jan. 10.			
1883 May 29.	{	*STROBEL, CHARLES LEWIS ..	{ Linden Lodge, Linden, G.W. Ry., New South Wales.
1898 Nov. 29.			
1876 May 2.			
1877 Nov. 27.			
1894 Dec. 4.	{	*STROMEYER, JOHANN PHILIP EDMOND CHARLES	{ Linden Lodge, Linden, G.W. Ry., New South Wales.
1897 Nov. 30.			
1894 Dec. 4.			
1890 Jan. 10.			

Date of Election and of Transfer.		MEMBERS.	
1898 Feb. 1.	1910 Apr. 26.	STUART, JAMES	94 Hope Street, Glasgow.
*{1880 Dec. 7.	*{1891 Feb. 3.	*STUART, ROBERT HENRY FREDERICK	{ F.C. Central de Cordoba, 201 Calle San Martin, Buenos Aires.
*{1909 Apr. 6.		STUBBS, ARTHUR JAMES ..	{ The Birches, Howard Road, Wood- side, S.E.
1891 Jan. 13.	1908 Jan. 14.	SUGGATE, FREDERICK CHENERY	Hobson Buildings, Auckland, N.Z.
1882 Mar. 7.	*{1894 Oct. 30.	*SUMMERS, THOMAS, C.I.E., D.Sc. (Edin.)	{ c/o H. S. King & Co., 9 Pall Mall, S.W.
1892 Dec. 6.	1904 Mar. 29.	SUMNER, FRANK	{ Inversnaid, Upper Park Road, Bromley, Kent.
W t *{1877 Dec. 4.	*{1893 Nov. 14.	SUTCLIFFE, GEORGE WILLIAM	Whingarth, Marple, Stockport.
*{1894 May 22.	1909 Mar. 9.	SUTHERLAND, JOHN ROBERTSON	45 John Street, Glasgow.
1902 Feb. 4.		{ SWAIN, Professor GEORGE FILLMORE	{ Graduate School of Applied Science, Harvard University, Pi-ree Hall, Oxford Street, Cambridge, Mass., U.S.
1912 Apr. 2		SWAN, ANDREW DON	{ 10 Phillip's Place, Montreal, Canada.
*{1883 Dec. 4.	*{1899 Nov. 28.	SWABBRICK, JOSEPH	{ 30 St. Ann's Street, Manchester.
1896 Dec. 1.	1914 Mar. 10.	SWINBURNE, Hon. GEORGE ..	{ Inter-State Commission, 314 Albert Street, East Melbourne, Victoria.
*{1893 Mar. 7.	*{1894 Apr. 10.	SWINBURNE, JAMES, F.R.S. ..	{ 82 Victoria Street, S.W. (Victoria 4922.)
1886 Dec. 7.	1900 Apr. 10.	*SWINDLEHURST, JOSEPH EAVES	City Engineer, Coventry.
1889 May 21.	1894 May 8.	SWINEY, JOHN HARRIS HAZLETT, B.A.I. (Dubl.) ..	{ 83 Royal Avenue, Belfast.
*{1890 Jan. 14.	*{1898 Dec. 6.	*SWINTON, ALAN ARCHIBALD CAMPBELL	{ 66 Victoria Street, S.W. (Dunamis, London. Victoria 1506.)
1880 Feb. 3.	1886 Nov. 9.	SYKES, GEORGE HENRY, M.A. (Dubl.)	{ 61 Elmbourne Road, Tooting Common, S.W.
1876 Feb. 1.	1887 Nov. 8.	SYMONS, BRENTON	{ Burwood, Warminster Road, South Norwood, S.E.
1894 Mar. 6.	1907 Apr. 9.	SYMONS, DIOGO ANDREW ..	{ 39 Victoria Street, Westminster, S.W. (Victoria 1671.)
T t *{1883 Feb. 6.	*{1890 Apr. 29.	*SZLUMPER, ALFRED WEEKS ..	{ L. & S. W. Ry., Waterloo Station, S.E.
1864 Dec. 6.	1867 May 21.	SZLUMPER, Sir JAMES WEEKS	17 Victoria Street, S.W.
1888 Apr. 10.	1896 Jan. 21.	SZLUMPER, WILLIAM WEEKS ..	17 Victoria Street, S.W.
S *{1895 Jan. 8.	*{1903 Apr. 21.	*TABOR, EDWARD HENRY ..	{ 1 Glenluce Road, Blackheath, S.E.
t m *{1891 Dec. 1.	*{1897 Mar. 2.	*TAIT, WILLIAM ARCHER PORTER, B.Sc. (Edin.) ..	{ 9 Victoria Street, S.W. (Taladuct, London. Victoria 5306.)
1885 May 19.		{ TANNETT-WALKER, ARTHUR TANNETT	{ Leeds. (Tannett-Walker, Leeds 515.)
1891 Feb. 3.		{ TANNETT-WALKER, FREDERICK WILLIAM	{ Leeds. (Tannett-Walker, Leeds 515.)
1875 Dec. 7.	1879 Nov. 4.	TATE, JOHN	Rantaldard, Belfast.
t *{1887 Jan. 11.	*{1891 Apr. 21.	TATTON, REGINALD ARTHUR ..	{ Cuerdeu Hall, Bamber Bridge, Preston.

	Date of Election and of Transfer.	MEMBERS.	
	1898 Dec. 6.	TAYLOR, ARTHUR	71 Edith Road, W. Kensington.
	1907 Feb. 5.	TAYLOR, CHARLES PERCY ..	Milton Lodge, Gravesend.
	1914 Apr. 21.	TAYLOR, EDWARD BROUGH ..	{ Caxton House, Westminster, S.W. (Waterage, London.)
t *	1887 Apr. 5.	*TAYLOR, GOTTFRED MIDGLEY ..	{ Caxton House, Westminster, S.W. (Waterage, London.)
	1887 Dec. 6.	*TAYLOR, HAROLD BLAKE,	Uganda Ry., Nairobi, East Africa.
	1896 Nov. 16.	F.C.H.	
	1869 Dec. 7.	TAYLOR, HERBERT ARNAND ..	4 Great Winchester Street, E.C.
	1882 Feb. 14.	TAYLOR, JOHN	6 Queen St. Place, E.C. (Bank 828.)
	1880 Dec. 7.	TAYLOR, JOHN HENRY	Borough Surveyor, Barnsley.
	1899 Jan. 10.	TAYLOR, LIONEL PERCY DUNCUFT	Sinai Mining Co., Ltd., Suez, Egypt.
	1889 May 7.	*TAYLOR, WILLIAM JAMES ..	{ County Surveyor, The Castle, Winchester.
	1902 Dec. 16.	*TAYLOR, WILLIAM OSWALD ..	{ Bengal-Nagpur Ry., Garden Reach Road, Calcutta.
	1911 Apr. 11.	TEAROE, JAMES	409 Strand, W.C.
	1886 Feb. 2.	*TEMPEST, PERCY CROSLAND ..	S.E. Ry., London Bridge Station, S.E.
	1897 Feb. 2.	*TERRY, STEPHEN HARDING ..	Seaton, S. Devon.
	1879 Mar. 4.	*THELWALL, WALTER HAMPDEN	157 New Bond Street, W.
	1894 Nov. 20.	*THOMAS, ARTHUR DREW ..	Staplake Mount, Starcross, S. Devon.
	1875 Apr. 6.	THOMAS, HUBERT	{ The Elms, Carlton Colville, Lowestoft.
	1883 May 22.	THOMAS, ROBERT JOHN	County Surveyor, Aylesbury.
	1889 Dec. 3.	*THOMAS, WILLIAM MATTHEWS	{ Acting Manager, Arrah Sasseram Light Ry., Arrah, Behar, India.
	1902 Feb. 18.	THOMPSON, ARTHUR MOORE ..	Greenore, Ireland.
	1896 Dec. 1.	*THOMPSON, HARRY JAMES ..	{ Tregarthen, Garlands Road, Leatherhead.
	1913 Jan. 21.	THOMPSON, JAMES,	P.W.D., Perth, Western Australia.
	1882 Feb. 7.	B.E. (Queen's)	
	1887 Feb. 1.	*THOMPSON, JOHN HANNAY,	General Manager, Harbour Trust,
	1886 May 18.	*THOMPSON, M.Sc. (Durham), F.R.S.E.	Dundee.
	1891 Mar. 3.	THOMSON, CAMPBELL	East Grove, Holt, Norfolk.
	1893 May 9.	THOMSON, Professor ELIHU ..	Lynn, Mass., U.S.A.
	1899 Dec. 12.	THOMSON, GILBERT,	164 Bath Street, Glasgow.
	1894 Dec. 4.	M.A. (Edin.)	
	1906 Mar. 27.	THOMSON, JOHN, B.E. (Queen's)	{ Wellington Club, Wellington, New Zealand.
	1871 Apr. 4.	*THOMSON, THOMAS	{ Combe Close, Park View Road, Woldingham, Surrey.
	1885 Feb. 24.	THORNHILL, BENSLEY	
	1895 Apr. 2.	THORNTON, JOHN MILLER ..	{ 56 Cambridge Road, Gunnersbury, W.
	1901 Apr. 2.	THORNYCROFT, Sir JOHN	Eyot Villa, Chiswick Mall, W.
	1911 Apr. 25.	ISAAC, LL.D. (Glas.), F.R.S. (former Member of Council)	{ Thornycroft, London. Hammer- smith 6.)
W s t *	1872 May 7.	*THOROWGOOD, FRANK NAPIER	24 Elm Park Gardens, S.W.
	1887 Dec. 11.	*THORPE, ROBERT HENRY ..	{ 4 Queen Victoria Street, E.C. (Eproht, London. City 2160.)
	1886 Apr. 6.		
	1911 Mar. 14.		

Date of Election and of Transfer.	MEMBERS.			
† 1890 Dec. 2.	THOW, WILLIAM	..	..	{ Inglewood, Wahroonga, North Sydney, N.S.W.
1886 May 4.	} THROPP, JAMES	..	..	27 The Bail, Lincoln.
1889 Jan. 8.				
1904 Dec. 6.				
1895 Jan. 8.	*THURSFIELD, FRANCIS,	..	..	38 Victoria Street, S.W.
1909 Jan. 12.	} B.A. (Cantab.)	..	..	{ Balfour, Beatty & Co., Ltd., 22A Col- lege Hill, Cannon Street, E.C.
1869 Dec. 7.				
1876 Apr. 4.	THWAITES, CHRISTOPHER	..		Burnell Road, Sutton, Surrey.
1887 Dec. 2.	*TICKELL, RICHARD EUSTACE	..		39 Kensington Square, W.
1901 Apr. 2.				
1909 Jan. 12.	TICKELL, RICHARD HUGH, C.I.E.			{ e.o. Grindlay and Co., 54 Parliament Street, S.W.
1909 Feb. 2.	{ TIGHE, JAMES LAWRENCE, B.A.Sc. (McGill)			Holyoke, Mass., U.S.
1891 Dec. 1.	} TIMME, GEORGE ADOLPHUS	..		37 Egerton Park Road, Bexhill.
1894 Oct. 16.				
† { 1899 Apr. 11.	} TIMMIS, EDGAR WILLIAM	..		Millbank House, Westminster, S.W.
1910 Jan. 11.				
1914 Feb. 3.	{ TINDALE, EDWARD, B.C.E. (Melb.)			Perth, Western Australia.
1877 Apr. 10.	*TINGLE, HENRY JOHN	..	..	{ 31 Old Queen St., Westminster, S.W. (Piezometer, London. Victoria 183.)
1895 Feb. 12.				
1893 May 2.	*TIPPETT, ARTHUR MAY,			South African Rys., Johannesburg.
1906 Jan. 9.	(Member of Council) .. .. .	..	..
1884 May 6.	TISDALL, CHARLES JEROME,			e.o. Agent, G.I.P. Ry., Bombay.
1900 Dec. 19.	B.A. (Dubl.) .. .. .	..	..
1903 Mar. 3.	TODD, REGINALD ROBERT	..		617 Finchley Rd., Hampstead, N.W.
1889 Jan. 8.	TOMALIN, HERBERT FREDERICK	..		P.W.D., Colombo, Ceylon.
1902 Apr. 15.				
1890 Apr. 1.	TOMKINS, WILLIAM HENRY	..		Cottesmore, Roydon, Essex.
1914 Apr. 7.				
1889 May 7.	TOMKINS, WILLIAM STEELE	..		{ Broughton House, near Stockbridge, Hants.
1885 Apr. 14.	*TOMLINSON, SAM	..	..	Rubber Exchange Buildings, Singa- pore, S.S.
1891 Nov. 9.				
1894 Dec. 4.	TOOMER, JOSEPH FLETCHER	..		{ 46 Egerton Crescent, S.W. (Fletch- ton, London. Kensington 879.)
1913 Apr. 22.				
1890 Feb. 4.	*TOPP, AUGUSTUS WORTHINGTON			Green Bank, Farnworth, Bolton.
1895 Feb. 5.	*TOWER, WILLIAM	..	..	e.o. 28 Nottingham Place, W.
1899 Nov. 28.				
1885 Jan. 13.	TOWNSEND, HARRY	..	..	St. John's Villa, Wakefield.
1905 Jan. 10.				
1910 Dec. 6.	{ *TOWNSHEND, ROBERT PON- SONBY LOFTUS, B.A., B.A.I. (Dubl.)			{ e.o. Grindlay & Co., 54 Parliament Street, S.W.
† { 1897 Apr. 6.	*TRENCH, ERNEST FREDERIC CROSHIE, M.A., B.A.I. (Dubl.)	..	..	The Firs, Croxley Green, Herts.
1904 Feb. 16.				
1886 Jan. 12.	} TRENCH, GILBERT KENNEDY	..		50 Marmora Road, Honor Oak, S.E.
1910 Apr. 12.				
1874 Feb. 3.	TRENCH, LOUIS, B.A. (Cantab.) .. .. .	..	..	{ 165 Oakwood Court, Kensington, W.
1879 Mar. 25.				
1887 Dec. 6.	TREERY, CHARLES ALFRED	..		{ St. Kilda. The Ridgway, Wimb- ledon, S.W.
1892 Nov. 8.				
1905 Dec. 5.	TREVITHICK, ARTHUR REGINALD			Moore, Warrington.
1881 Apr. 5.	TREVITHICK, FREDERICK HARVEY	..		{ 1 The Terrace, Richmond Hill, Richmond, Surrey.
1891 May 12.				
† { 1877 Dec. 4.	TRIPP, WILLIAM BLOMEFIELD	..		Northrepps, Spring Grove, Isleworth.
1883 Nov. 29.				
1893 Mar. 7.	TRITTON, SEYMOUR BISCOE	..		{ Sir Alexander Rendel, K.C.I.E., 13 Dartmouth St., Westminster, S.W.
1896 Apr. 21.				
† { 1883 Mar. 6.	*TROTTER, ALEXANDER PELHAM,	..	..	Board of Trade, 8 Richmond Ter- race, Whitehall, S.W.
1901 Dec. 17.				

Date of Election and of Transfer.		MEMBERS.
1883 Dec. 4.	}	*TRUMP, JOHN, I.S.O.
1896 Nov. 16.		
1892 Dec. 6.	}	*TRYE, CHARLES BRANDON ..
1906 Jan. 9.		{ Engr.'s Office, Midland Ry., Brighton House, Oakenshaw, Bradford.
1830 Dec. 2.	}	TUCKEY, THOMAS WILLIAM
1900 Dec. 19.		{ Tientsin - Pokow Ry., Nankiang, China [via Siberia].
1891 Dec. 1.	}	TOWNSEND, B.E. (<i>Royal</i>) ..
1904 Feb. 16.		{ Asst. General Manager's Office, S.A. Rys., Cape Town.
m	†	*TUDSBURY, JOHN HENRY
		{ The Institution of Civil Engineers, Great George Street, S.W. (Insti- tution, London. Victoria 4577.)
1881 Dec. 6.	}	TUDSBURY, D.Sc. (<i>Glas.</i>) ..
1894 Feb. 27.		{ (<i>Secretary</i>)
1881 Dec. 6.	}	*TULLOCH, FREDERICK HERBERT
1894 Feb. 27.		{ Local Government Board, S.W.
1913 Mar. 11.	}	{ TULLOCH, SYLVESTER STEPHEN
		{ GREGORIE, B.C.E. (<i>Melb.</i>) ..
1900 Dec. 4.	}	TURNBULL, WALTER JAMES ..
		{ Chief Engineer, B. & N.W. Ry., Gorakhpur, India.
1866 May 15.	}	TURNER, WILLIAM BARROW ..
1877 Jan. 16.		{ Ponsonby Hall, Carnforth.
1908 Feb. 4.	}	TURTON, WILLIAM HENRY ..
1890 May 6.		{ 220 Burrage Road, Plumstead, Kent.
1904 Apr. 12.	}	TWEEN, CHARLES NELSON ..
		{ Lee Conservancy, Enfield Lock, Middlesex.
1902 Mar. 4.	}	TWENTYMAN, JAMES ROBERT
		{ Kirby-Misperton Hall, Pickering, Yorks.
†	}	*TWIGG, ROBERT HARKNESS ..
		{ Hazlehurst, Glenageary, Kingstown, Ireland.
1891 Jan. 13.	}	*TWINBERROW, JOHN WULSTAN
1901 Feb. 5.		{ 8 Tilbury Gardens, Tilbury.
1910 Jan. 11.	}	TYE, WILLIAM FRANCIS ..
1914 Apr. 21.		{ 95 Bay Street, Toronto, Canada.
	}	{ TYLER, JOHN FRANCIS SHER-
		{ WOOD
1890 May 6.	}	*TYNDALE, WALTER CLIFFORD
1896 Nov. 24.		{ Horseguards, Whitehall, S.W.
1897 Mar. 2.	}	{ UHAGON Y VEDIA, PEDRO
1914 Apr. 21.		{ PASCUAL DE
	}	UNWIN, MAURICE EVERETT ..
		{ 360 Mushroom Lane, Sheffield.
T t S W F	†	UNWIN, WILLIAM CAWTHORNE,
		{ B.Sc. (<i>Lond.</i>), LL.D. (<i>Edin.</i>), F.R.S. (<i>Past-President, Mem- ber of Council</i>)
t	†	UPCOTT, Sir FREDERICK
		{ 227 St. James's Court, Buckingham Gate, S.W.
1872 Dec. 3.	}	ROBERT, K.C.V.O., C.S.I.
1879 Nov. 11.		{ (<i>former Member of Council</i>)
1886 Feb. 2.	}	USSHER, EDGEWORTH RICHARD
		{ Dunedin, Otago, N.Z.
1877 Mar. 6.	}	*VALENTINE, FREDERICK ..
1886 Mar. 8.		{ Crow Hall, Downham Market, Norfolk.
1897 Dec. 7.	}	*VALON, WALTER ARTHUR ..
1913 Apr. 8.		{ Caxton House, Westminster, S.W.
1874 May 5.	}	VALPY, HENRY VALFOT FRANCIS
		{ 20 Routh Road, Wandsworth Common, S.W.
1907 Mar. 5.	}	{ VAUCLAIN, SAMUEL MATTHEWS,
		{ D.Sc. (<i>Penn.</i>)
1880 Feb. 3.	}	*VAUDREY, JOHN CLOUGH ..
1893 May 9.		{ 71 Westfield Road, Edgbaston, Bir- mingham. (3539.)
1903 Apr. 21.	}	VAUGHAN, JOHN
		{ Balaclava House, Dowlais.

Date of Election
and of Transfer.

MEMBERS.

1908 Mar. 3.	VAUGHAN, JOHN ALFRED ..	{ P.O. Box 1132, Belgravia, Johannes- burg.
1892 May 3.	VAUGHAN, RICHARD WYNDHAM	{ Dunmore, St. Catherine's Road, Southbourne, Christchurch, Hants.
1913 Feb. 4.	VAUGHAN, WILLIAM HENRY ..	{ West Didsbury, Manchester.
1898 Dec. 6.	VAUGHAN, WILLIAM STEAINS ..	{ A. R. Vaughan, 9 Falcon Road, Woodchurch Road, Birkenhead.
1894 Jan. 9.	*VAUGHAN-LEE, ALEC GEORGE	{ Coode, Matthews, Fitzmaurice & Wilson, 9 Victoria Street, S.W.
1903 Feb. 10.		
1890 Apr. 1.	VECCHIO, ADOLPHO JOSÉ DEL	{ Rua Evaristo da Veiga 9, Rio de Janeiro.
1893 May 16.	} VERNON, CHARLES EDWARD ..	
1903 Dec. 22.		
1889 Jan. 8.	VERSCHOYLE, BERESFORD ST.	{ Railway Administration, Cairo.
1910 Jan. 11.	GEORGE	
1891 Mar. 3.	*VESIAN, JOHN STUART ELLIS DE	{ 38 Victoria Street, S.W.
1907 Apr. 9.		
II 1889 Feb. 5.	VICKERS, THOMAS EDWARD, C.B.	{ River Don Works, Sheffield.
1887 May 3.	VISVESVARAYA, MOKSHAGUN-	{ Chief Engineer of Mysore, Race
1904 Dec. 13.	DAM, C.I.E., B.A. (<i>Madras</i>)	{ Course Road, Bangalore, India.
1906 Apr. 10.	WADDELL, JAMES	{ 15 Moray Place, Glasgow.
1883 Feb. 6.	WADDELL, JOHN ALEXANDER	{ 608 New Nelson Building, Kansas City, Mo., U.S.
1899 Nov. 28.	Low, D.Sc., Ma.E. (<i>McGill</i>)	
1890 Dec. 2.	} WADDELL, WILLIAM	{ Barry Ry., Barry Docks, Glam.
1906 Jan. 9.		
1893 May 16.	WADDINGTON, JOSHUA ARTHUR	{ Town Hall, Marylebone, W.
1901 Mar. 5.	PAGET	
t † { 1889 Dec. 3.	WADE, LESLIE AUGUSTUS	{ P.W.D., Sydney, N.S.W.
1905 Dec. 19.	BURTON	
1891 Feb. 3.	*WADHAM, WALTER FRANCIS	{ Millwood, Dalton-in-Furness.
1901 Feb. 19.	AINSLIE, M.A. (<i>Cantab.</i>) ..	
1899 Dec. 5.	} WAIGHT, EARLE ROBERTS ..	{ Engr.'s Office, S.E. & C. Ry., London Bridge, S.E.
1905 Feb. 7.		
† { 1891 May 5.	WAIN, EDWARD BROWNFIELD	{ Norton-in-the-Moors, Stoke-on- Trent.
1895 May 14.		
1897 Apr. 6.	} WAINWRIGHT, HARRY SMITH..	{ Loco. Dept., S.E. & C. Ry., Ashford.
1904 Apr. 19.		
1905 Mar. 7.	WAKEFORD, EDWARD	{ Admiralty Quarters, Rosia Parade, South Gibraltar.
1894 Feb. 6.	} WAKEFORD, JOHN PERCY ..	{ Town Hall, Wakefield.
1914 Jan. 13.		
1883 Dec. 4.	} WAKELAM, HENRY TITUS ..	{ County Surveyor, Guildhall, West- minster, S.W.
1901 Dec. 11.		
1875 Dec. 7.	WALCH, GEORGE TURNER ..	{ Alexandra Chambers, 7 King Street, St. James's, S.W.
1860 Mar. 6.	} WALKER, CHARLES RITCHIE ..	{ Ash Lodge, Gloucester Road, Upper Teddington.
1881 Apr. 5.		
1877 May 29.	} WALKER, CHARLES ROBERT ..	{ C. H. Walker & Co., 15 Great George Street, S.W.
1894 Jan. 30.		
t † { 1889 May 7.	WALKER, GEORGE BLAKE ..	{ Tankersley Grange, near Barnsley.
1896 Dec. 1.		
1884 Dec. 2.	} WALKER, HERBERT	{ Albion Chambers, King Street, Nottingham.
1909 Jan. 12.		
1895 Jan. 8.	WALKER, JOHN SCARISBRICK..	{ Walker Bros., Ironworks, Wigan.
1910 Dec. 6.	{ WALKER, WILLIAM HOLFORD	{ Harbour Engineer, Port Elizabeth, South Africa.
	MORTIMER	
1894 Feb. 6.	} WALL, BENSON PARSICK ..	{ Compton Lodge, Walton-on-Thames.
1904 Dec. 13.		

Date of Election and of Transfer.		MEMBERS.	
1897 Dec. 7.	WALLACE, JOHN FINDLEY ..	10 Bridge Street, New York.	
1882 Mar. 7.	*WALLER, JOHN EDWARD ..	{ St. Stephen's House, Victoria Embankment, S.W. (Kincaid, London. Victoria 4310.)	
1891 Nov. 3.			
1880 Jan. 13.	WALLIS, HERBERT	239 Drummond St., Montreal, Canada.	
1889 May 21.	*WALLIS-JONES, REGINALD JOHN	50 Queen Anne's Gate, S.W.	
1906 Dec. 4.			
1874 Apr. 14.	WALMISLEY, ARTHUR THOMAS	{ 9 Victoria Street, S.W. (Workable, London.)	
1886 Nov. 2.			
1908 Mar. 3.	WALSH, EDMUND JOSEPH ..	402 O'Connor Street, Ottawa, Canada.	
1883 Feb. 6.	WALSH, HENRY DEANE,	Harbour Trust, Sydney, N.S.W.	
1889 Nov. 5.	B.A.I. (<i>Dubl.</i>)		
1894 Mar. 6.	*WALTON, ALFRED HENRY ..	{ 92 Queen's Road, Brownswood Park, N.	
1901 Feb. 12.			
T t ✕ 1876 Dec. 5.	{ WALTON, FREDERICK THOMAS } GRANVILLE, C.I.E.	c.o. Grindlay & Co., Parliament Street, S.W.	
✕ { 1885 Dec. 1. }	*WANKLYN, FREDERIC LUMB ..	{ Canadian Pacific Ry., Windsor Street Station, Montreal.	
✕ { 1898 Nov. 29. }			
1896 Feb. 4.	WARBRICK, JOHN JAMES ..	{ Sir John Jackson, Ltd., 53 Victoria Street, S.W.	
t ✕ { 1883 Mar. 6. }	WARD, HENRY	110 Cannon Street, E.C.	
✕ { 1894 May 22. }			
1876 May 2.	WARD, HENRY THOMAS	Broken Hill, Guildford Road Woking.	
1899 Mar. 28.	SIMPSON		
1888 May 1.	WARD, JOHN	Borough Engineer, Derby.	
1901 Dec. 11.			
1880 Jan. 13.	WARD, REGINALD FOSTER ..	Fellside House, Hexham.	
1882 Nov. 7.			
1896 Jan. 14.	*WARD, THOMAS ROBERT JOHN,	{ Chartered Bank of India, Australia and China, Bangkok, Siam.	
1906 Apr. 24.			
1911 Dec. 5.	WARDALE, HENRY	{ 10 Bewick Road, Gateshead-on-Tyne.	
1887 Dec. 6.	WARDALE, JOHN DOBSON ..	{ 3 Walker Terrace, Gateshead-on-Tyne. (Wardale, Gateshead.)	
1885 Dec. 1.	WARDEN, HOWARD WILLIAM	Lemington Grange, Moreton-in-Marsh, Glos.	
1887 Dec. 6.	{ WARING, CHARLES EDWARD } DELANCY	Caxton House, Westminster, S.W.	
t ✕ { 1875 Apr. 6. }	WARING, FRANCIS JOHN, C.M.G.	{ 12 Dean's Yard, Westminster, S.W. (Gregory, London. Victoria 3568.)	
✕ { 1879 Feb. 18. }			
✕ 1872 Dec. 3.	WARING, HENRY ROBERT ..	127 San Miguel, Palma, Mallorca	
1897 Feb. 2.	*WARREN, HENRY BONIFINT	R. & J. H. Rea, 20 Water Street Liverpool.	
1909 Feb. 9.			
1886 May 4.	*WARREN, JOHN ALEXANDER ..	94 Hope Street, Glasgow.	
1910 Jan. 11.			
1877 Dec. 4.	WARREN, <i>Professor</i> WILLIAM	University, Sydney, N.S.W.	
1887 Feb. 8.	HENRY		
1889 Mar. 5.	*WATKINS, ALEXANDER JAMES	Swan & Maclaren, Singapore, S.S.	
1896 Jan. 28.			
1897 Mar. 2.	WATKINS, ARTHUR ANDERSON	7 St. John's Park, Blackheath, S.E.	
1909 Mar. 9.			
1891 Dec. 1.	*WATKINS, WILFRID JOHN ARIS	{ Engr.'s Dept., L.C.C., Spring Gardens, S.W.	
1914 Feb. 10.			
1905 Jan. 10.	{ WATKINSON, <i>Professor</i> WILLIAM } HENRY, M.Eng. (<i>Liverpool</i>)	Walker Engineering Laboratories, University, Liverpool.	
m ✕ { 1899 Mar. 7. }	*WATSON, ARTHUR	L. & Y. Ry., Manchester.	
✕ { 1911 Mar. 14. }			
1898 Apr. 5.	WATSON, CHARLES	Tickton Hall, Beverley.	
1910 Feb. 8.			
S t ✕ { 1894 Dec. 4. }	*WATSON, GEORGE	{ 5 Ruskin Close, Hampstead Way, N.W.	
✕ { 1906 Feb. 6. }			

Date of Election and of Transfer.		MEMBERS.	
†	{ 1875 May 4. 1885 Jan. 20. 1898 Mar. 1. 1912 Jan. 9. }	WATSON, JAMES	{ Waterworks Engineer, Town Hall, Bradford.
		WATSON, JAMES FALSHAW ..	Sun Buildings, Park Row, Leeds.
W	† { 1886 May 18. 1905 Apr. 4. }	* WATSON, JOHN DUNCAN ..	Tyburn, near Birmingham.
	1901 Apr. 23. {	{ WATTS, Sir PHILIP, K.C.B., LL.D. (Glas.), F.R.S. (Member of Council) }	{ 11 Great George Street, S.W.
	1902 Apr. 8. 1906 Dec. 18. }	WATTS, WILLIAM	Kenmore, Wilmslow, Cheshire.
	1913 Jan. 14. 1910 Jan. 11. }	WAUGH, JOHN WAUTERS, CARLOS	Stackhouse, Settle, Yorks. 878 Avenida de Mayo, Buenos Aires.
†	{ 1868 Jan. 14. 1877 May 8. }	WAWN, CHARLES	Hurworth-on-Tees, Darlington.
T	† { 1901 Mar. 5. 1908 Jan. 14. }	WAY, EDWARD JOHN	{ 135-136 Cullinan Bldgs., Simmonds Street, Johannesburg, Transvaal.
	1895 Mar. 5. 1901 June 26. }	WEBB, Sir ARTHUR LEWIS, K.C.M.G., F.C.H.	{ Queen Anne's Chambers, Broad- way, Westminster, S.W.
	1901 Mar. 5.	WEBB, HARRY HOWARD ..	{ 36th Floor, 233 Broadway, New York City, U.S.A.
	1892 Dec. 6. 1894 Nov. 27. }	WEBSTER, HENRY, B.A.I. (Dubl.)	{ 642 Simcoe Street, Victoria, B.C.
	1876 Feb. 1. 1889 Jan. 29. }	WEBSTER, JOHN	{ 8 Oakfield Grove, Oak Lane, Brad- ford.
T t	† { 1879 Feb. 4. 1886 May 11. }	WEBSTER, JOHN JAMES ..	{ 39 Victoria Street, S.W. (Victoria 1874.)
	1876 Mar. 7. 1890 Jan. 21. }	WEEDON, JOHN FRANCIS ..	{ Irrigation Dept., Cradock, C.P., S. Africa.
	1899 Dec. 5. 1909 Mar. 9. }	* WEEKES, MICHAEL GEORGE ..	{ Strachan & Weekes, 9 Victoria Street, S.W.
†	{ 1888 Dec. 4. 1894 Oct. 30. }	* WEIGHTMAN, WALTER JAMES	Merlewood, Sanderstead.
	1884 Feb. 5. 1897 Nov. 30. }	* WEIR, THOMAS DUNCAN, B.Sc. (Glas.)	{ Niger Bridge, Jebba, N. Nigeria.
†	{ 1894 Dec. 4. 1911 Jan. 10. }	* WEIR, WILLIAM PARK ..	{ 13 Rowallan Gardens, Partick, Glasgow.
	1905 Dec. 5. 1912 Mar. 12. }	WELBY, ADLARD EDWARD ..	{ Divl. Engr., Canadian Northern Ry., Edson, Alta., Canada.
†	1904 Feb. 2. {	{ WELCH, Professor JOHN JOSEPH, M.Sc. (Durham) }	{ The Hollies, Westfield Drive, Gos- forth, Newcastle-on-Tyne.
†	1872 May 7. 1879 Feb. 4. }	WELLS, LIONEL BURY	Stonehanger, Salcombe, S. Devon.
	1903 Apr. 7. 1869 Dec. 7. }	WELLSTED, WILLIAM HENRY	Waterloo Chambers, Hull.
	1891 May 5. 1884 May 6. }	WENDEN, HENRY CHARLES EDWARD, C.I.E.	{ Summerhill, Horsell, Woking.
	1872 May 14. 1879 May 27. }	* WESTERN, CHARLES ROBERT ..	{ 39 Park Crescent, Southport. Broadway Chambers, Westminster, S.W. (Donbowes, London. Vic- toria 1799.)
†	{ 1877 Apr. 10. 1896 Feb. 11. }	WESTHOFEN, WILHELM	{ Blarcrean, Melbourne Road, Wyn- berg, Cape Province, S. Africa.
†	1878 Jan. 15.	WESTLAND, DAVID MONRO ..	75 Braid Avenue, Edinburgh.
	1861 May 28. {	{ WESTMACOTT, PERCY GRAHAM BUCHANAN }	Rose Mount, Sunninghill, Berks.
	1889 Feb. 5. 1891 May 5. }	WESTON, EDMUND BROWNELL	Providence, Rhode Island, U.S.
	1886 Dec. 7. 1908 Jan. 14. }	* WHATELY, RICHARD	King, King & Co., Fort, Bombay.
†	1867 Dec. 3.	WHEELER, WILLIAM HENRY ..	4 Hope Park, Bromley, Kent.
	1899 Dec. 5.	WHILE, JAMES MORGAN ..	{ Barrow Haematite Steel Co., Ltd., Barrow-in-Furness.

Date of Election and of Transfer.		MEMBERS.	
†	{1879 Dec. 2. 1892 Feb. 16.}	WHITCOMBE, CHARLES PALMER	{Durward House, 31 Kensington Court, W.
†	{1881 Feb. 1. 1895 May 21.}	WHITE, ALFRED EDWARD ..	City Engineer, Hull.
†	{1884 Jan. 8. 1899 Jan. 17.}	WHITE, ALFRED GEORGE ..	11 Queen Victoria Street, E.C.
	{1893 Dec. 5. 1900 Dec. 18.}	WHITE, CHARLES ARTHUR ..	Ranchi, B. & O., India.
	{1875 May 11. 1885 Feb. 3.}	WHITE, GUILLERMO	926 Calle Libertad, Buenos Aires.
	1905 Jan. 10.	WHITE, RICHARD SAXTON ..	{Sir W. G. Armstrong, Whitworth and Co., Newcastle-on-Tyne.
	1870 Jan. 11.	WHITE, ROBERT	{66 Belsize Park Gardens, N.W. (Brentesia, London.)
	{1872 Feb. 6. 1879 Jan. 14.}	WHITE, WILLIAM HENRY ..	Town Hall Buildings, Oxford.
	{1899 Apr. 11. 1912 Apr. 2.}	*WHITEFORD, ERIC HAMILTON	{Res. Engr., Derwent Reservoir Works, Derwent, via Sheffield.
	{1882 Dec. 5. 1892 Feb. 23.}	*WHITEHOUSE, Sir GEORGE, K.C.B.	Arthur Hall, Sudbury, Suffolk.
	{1866 Apr. 10. 1874 Dec. 22.}	WHITING, JAMES EDWARD, } M.A. (<i>Cantab.</i>) }	Cromwell House, Trumpington, Cambridge.
	1910 Dec. 6.	WHITING, WILLIAM HENRY, C.B.	Long Acre, West Ealing, W.
†	{1874 May 5. 1891 Dec. 8.}	WHITLEY, HENRY MICHELL ..	{Broadway Court, Broadway, West- minster, S.W. (Broadgauge, London. Victoria 5607.)
	1885 May 5.	WHITTEMORE, DON JUAN ..	{222 Biddle Street, Milwaukee, Wis- consin, U.S.A.
	{1900 Dec. 4. 1913 Dec. 9.}	WHITTOW, THOMAS	33 Birch Grove, Acton Hill, W.
	{1892 Dec. 6. 1913 Jan. 21.}	WHYATT, HENRY GILBERT ..	Borough Engineer, Great Grimsby.
†	{1883 May 29. 1888 Jan. 10.}	WHYTE, PETER	4 Magdala Crescent, Edinburgh.
	{1905 Jan. 10. 1889 Feb. 5.}	*WHYTE-BUTLER, ARTHUR HENRY	
	1893 Mar. 7.	WICKSTEED, JOSEPH HARTLEY	Well House Foundry, Leeds.
	{1907 Feb. 12. 1892 Apr. 5.}	WIGNALL, JOHN ROBERT ..	Malmsmead, Gerrard's Cross, Bucks.
	{1881 Jan. 11. 1890 Nov. 11.}	WIGRAM, REGINALD	Caley Hall, Pool, Leeds.
		WIKE, CHARLES FROGGATT ..	City Surveyor, Town Hall, Sheffield.
	1891 May 5.	WILCOX, ERNEST SHEPLEY ..	{Wirral Railway, New Brighton, Cheshire.
	1904 Jan. 12.	*WILDEBLOOD, HENRY SEDDON	Meerut, U.P., India.
	1912 Mar. 5.	WILDEBLOOD, JOHN PEAKE ..	King, King & Co., Bombay.
T †	1910 Feb. 1.	WILGUS, WILLIAM JOHN ..	165 Broadway, New York, U.S.
	1905 Dec. 5.	WILKINSON, GEORGE BECK ..	{c.o. Sir John Jackson, Ltd., 53 Victoria Street, S.W.
	{1909 Apr. 6. 1913 Jan. 21.}	WILKINSON, JAMES WALTER ..	G. H. Hill & Sons, 16 Albert Square, Manchester.
	{1873 May 20. 1880 Feb. 24.}	WILLCOCKS, GEORGE WALLER, } C.B. }	Hawkshaw & Dobson, Millbank House, Westminster, S.W.
	{1883 Feb. 6. 1905 Dec. 19.}	*WILLCOX, JOSEPH EDWARD ..	15 Victoria Street, S.W.
	1895 Mar. 5.	*WILLET, ARCHIBALD WILLIAM	{Birmingham Canal Navigations, Paradise Street, Birmingham.
	{1895 Dec. 3. 1905 Dec. 19.}	WILLIAMS, CHARLES BEYNON	{Exec. Engr., P.W.D., Dera Ghazi Khan, India.
†	{1896 Apr. 14. 1902 Dec. 16.}	WILLIAMS, CYRUS JOHN } RICHARD }	Lytelton Harbour Board, Christ- church, N.Z.
	{1892 May 24. 1910 Jan. 11.}	WILLIAMS, FRANK LIONEL } LEADER }	Highbank, Bowdon, Cheshire.

Date of Election and of Transfer.	MEMBERS.	
† { 1897 Dec. 7. 1909 Feb. 9. }	*WILLIAMS, GEORGE BRANSBY	{ Sanitary Engr., Bengal Govt. Secre- tariat, Calcutta.
1886 Feb. 2. 1900 Dec. 19. }	*WILLIAMS, GILBERT PERCY ..	14 Victoria Street, S.W.
1912 Feb. 6. }	WILLIAMS, HARRIS GREGORY	{ Boscombe, Elmfield Road, Gosforth, Newcastle-on-Tyne.
1878 Feb. 5. }	WILLIAMS, JOHN AVERY BRANTON	22 Lansdown Place, Cheltenham.
1900 Feb. 6. }	*WILLIAMS, JOHN HUW	{ Canton - Hankow Ry., Hankow, China.
1914 Jan. 13. }	*WILLIAMS, JOHN HUW	{ Canton - Hankow Ry., Hankow, China.
1890 Dec. 2. }	WILLIAMS, WILLIAM HUGH ..	L. & N.W. Ry., Watford.
1898 Feb. 22. }	WILLIAMS, WILLIAM HUGH ..	L. & N.W. Ry., Watford.
1896 Apr. 14. }	WILLIAMS, WILLIAM RICHARDS,	{ Irrigation Dept., Cairo, Egypt.
1906 Feb. 20. }	F.C.H.	{ Irrigation Dept., Cairo, Egypt.
1897 Apr. 6. }	*WILLIAMSON, FRANCIS STUART	84 William Street, New York, U.S.A.
1901 Jan. 15. }	*WILLIAMSON, FRANCIS STUART	84 William Street, New York, U.S.A.
1900 Apr. 3. }	{ WILLIAMSON, ROBERT SUMMERSIDE }	{ Cannock Wood House, Hednesford, Staffs.
1890 Apr. 1. }	*WILLIS, HARRY ATCHISON ..	{ Oficina de Via y Obras, F. C. Cen- tral Cordoba, 499 Calle Cangallo, Buenos Aires.
1902 Dec. 2. }	*WILLIS, HARRY ATCHISON ..	{ Oficina de Via y Obras, F. C. Cen- tral Cordoba, 499 Calle Cangallo, Buenos Aires.
1902 Apr. 8. }	*WILLIS, JOHN BURDETT ..	{ G.E. Ry., Dist. Engr.'s Office, Nor- wich Thorpe, Norwich.
1914 Feb. 10. }	*WILLIS, JOHN BURDETT ..	{ G.E. Ry., Dist. Engr.'s Office, Nor- wich Thorpe, Norwich.
1903 Feb. 3. }	{ WILLIOT, JOSEPH WILLIAM, I.S.O. }	41 Tufnell Park Road, N.
t { 1888 Jan. 10. }	{ WILLIOT, JOSEPH WILLIAM, I.S.O. }	{ 41 Tufnell Park Road, N.
1896 Dec. 22. }	{ WILLIOT, JOSEPH WILLIAM, I.S.O. }	{ 41 Tufnell Park Road, N.
1877 May 1. }	{ WILLIOT, JOSEPH WILLIAM, I.S.O. }	{ 41 Tufnell Park Road, N.
1888 Jan. 17. }	{ WILLIOT, JOSEPH WILLIAM, I.S.O. }	{ 41 Tufnell Park Road, N.
1877 May 1. }	{ WILLIOT, JOSEPH WILLIAM, I.S.O. }	{ 41 Tufnell Park Road, N.
1888 Jan. 17. }	{ WILLIOT, JOSEPH WILLIAM, I.S.O. }	{ 41 Tufnell Park Road, N.
1904 Apr. 19. }	WILMS, LUDWIG HERMANN ..	{ Downs View, Warwick Road, Coulson, Surrey.
1905 Jun. 10. }	WILSON, ALEXANDER	City Chambers, Glasgow.
1902 Dec. 2. }	WILSON, ALEXANDER	City Chambers, Glasgow.
1913 Feb. 11. }	WILSON, ANDREW	51 Queen Street, Edinburgh.
1875 Dec. 7. }	WILSON, ANDREW	51 Queen Street, Edinburgh.
1890 Mar. 25. }	WILSON, ARTHUR ROSS	Binsur, Almora, N.W.P., India.
1904 Jan. 12. }	WILSON, ARTHUR ROSS	Binsur, Almora, N.W.P., India.
1910 Mar. 15. }	WILSON, EDWARD ARTHUR ..	{ Dist. Engr.'s Office, G.E. Ry., Ipswich.
1912 Jan. 9. }	WILSON, Professor ERNEST ..	King's College, Strand, W.C.
1895 Dec. 3. }	*WILSON, FREDERICK JAMES,	{ H. S. King & Co., Pall Mall, S.W.
1901 Feb. 12. }	C.I.E.	{ H. S. King & Co., Pall Mall, S.W.
t † { 1863 Jan. 13. }	{ 1863 Jan. 13. }	{ 1863 Jan. 13. }
1872 Mar. 19. }	WILSON, GEORGE	14 Lammas Park Road, Ealing, W.
1878 Mar. 5. }	WILSON, JOHN	New Place, Upminster, Essex.
† { 1887 Dec. 6. }	{ 1887 Dec. 6. }	{ 1887 Dec. 6. }
1898 Nov. 29. }	WILSON, JOHN ALEXANDER ..	{ Princess Street, Northcote, Auck- land, New Zealand.
1902 Apr. 8. }	WILSON, JOHN ALEXANDER ..	{ Princess Street, Northcote, Auck- land, New Zealand.
1908 Apr. 14. }	WILSON, JOHN FAIRWEATHER	{ Res. Engr., Harbour Works, Lagos, West Africa.
1870 Dec. 6. }	WILSON, JOHN FAIRWEATHER	{ Res. Engr., Harbour Works, Lagos, West Africa.
1882 Nov. 7. }	WILSON, JOHN HATTON	{ Res. Engr., Harbour Works, Lagos, West Africa.
1893 Dec. 5. }	WILSON, JOHN ROBERT ROBIN-	{ Westfield Drive, Gosforth, New- castle-on-Tyne.
1903 Dec. 22. }	SON	{ Westfield Drive, Gosforth, New- castle-on-Tyne.
1877 Feb. 6. }	WILSON, JOSEPH WILLIAM ..	{ Engineering School, Crystal Palace, S.E.
1900 Mar. 27. }	WILSON, JOSEPH WILLIAM ..	{ Engineering School, Crystal Palace, S.E.
1884 Feb. 5. }	WILSON, MAURICE FITZ-	9 Victoria Street, S.W.
1895 Feb. 12. }	GERALD	9 Victoria Street, S.W.
1893 Dec. 5. }	*WILSON, NORMAN McLEOD	{ 29 Wellington Street E., Toronto, Canada.
1909 Jan. 12. }	RAMSAY	{ 29 Wellington Street E., Toronto, Canada.
1894 Jan. 9. }	WILSON, PEREGRINE OLIVER	{ F. Wilson, 7 Devonshire Square, Bishopsgate Street, E.C.
1899 Jan. 10. }	WILSON, PEREGRINE OLIVER	{ F. Wilson, 7 Devonshire Square, Bishopsgate Street, E.C.
1905 Feb. 7. }	WILSON, REGINALD PAGE ..	66 Victoria Street, S.W.
1909 Feb. 9. }	WILSON, REGINALD PAGE ..	66 Victoria Street, S.W.
1875 Dec. 7. }	WILSON, ROBERT	{ 7 St. Andrew's Place, Regent's Park, N.W.
1882 May 23. }	WILSON, ROBERT	{ 7 St. Andrew's Place, Regent's Park, N.W.

	Date of Election and of Transfer.	MEMBERS.	
	1873 Apr. 4. 1883 Nov. 13.	WILSON, ROBERT EDWARD ..	8 Quality Court, Chancery Lane, W.C
	1913 Jan. 14.	{ WILSON, WALTER GORDON, B.A. (<i>Cantab.</i>) }	Charton, Farningham, Kent.
+	1886 Dec. 7.	WILSON, WALTER STUART ..	67 West Nile Street, Glasgow.
	1896 May 5. 1913 Dec. 9.	WILSON, WILLIAM	{ Board of Works, 110 Spencer Street, Melbourne, Victoria.
	1881 Apr. 5.	WINGFIELD, CHARLES HUM- ..	28 Victoria Street, S.W. (Victoria
	1896 Apr. 21.	PHREY	3316.)
	1897 Jan. 12.	WINSER, SIDNEY BEAUFOY ..	Eastwood, Hathersage, Sheffield.
	1877 May 29. 1902 Dec. 23.	WINSTANLEY, GEORGE	Crackley Hall, Kenilworth.
	1894 Dec. 4. 1913 Jan. 21.	WINTER, OLIVER ERNEST ..	{ Borough Engineer, Town Hall, Haverstock Hill, N.W.
	1904 Dec. 6.	WITHY, HENRY	Brantford House, West Hartlepool.
	1889 Dec. 3. 1898 Nov. 29.	WOLFF, WILLIAM HENRY ..	{ Chiddingstone, Lode Lane, Solihull, Birmingham.
	1881 May 31. 1899 Feb. 28.	*WOLLEY-DOD, FRANCIS, F.C.H.	Edge Hall, Malpas, Cheshire.
	1883 Feb. 6. 1902 Dec. 2.	*WOOD, ARTHUR PRESCOTT ..	{ Waterworks Co., Ltd., Shanghai, China [<i>via</i> Siberia].
	1903 Jan. 13.	WOOD, ERNEST SEYMOUR ..	{ Cornwall House, Murton, co. Dur- ham.
	1894 Dec. 4. 1905 Mar. 7.	*WOOD, FRANCIS	{ Sunnycroft, Plough Lane, Purley, Surrey.
	1868 May 5.	WOOD, JOHN	Bramerton Lodge, Carlisle.
+	{ 1884 Feb. 5. 1900 Dec. 19. }	WOOD, JOHN MACKWORTH ..	{ Metropolitan Water Board, New River District, 173 Rosebery Avenue, Clerkenwell, E.C.
	1892 Dec. 6.	WOOD, JOHN THOMAS	3 Cook Street, Liverpool.
	1880 Feb. 3.	WOOD, <i>Sir</i> LINDSAY, <i>Bart.</i> ..	The Hermitage, Chester-lo-Street.
	1892 Apr. 5.	WOOD, WALTER EDMUND ..	{ 11 Bentinck Terrace, Coatham, Redcar.
+	{ 1872 Dec. 3. 1877 Oct. 30. }	WOODALL, <i>Sir</i> CORBET	{ 9 Bridge Street, Westminster, S.W. (Victoria 748.)
	1908 Apr. 7.	WOODALL, HAROLD WHITEMAN	{ The Manor House, Lytchett Matravers, Poole, Dorset.
	1896 Feb. 4. 1903 Dec. 22.	WOODALL, HENRY	{ 9 Bridge Street, Westminster, S.W. (Victoria 748.)
	1911 Feb. 7.	WOODARD, SILAS H.	7 East 42nd Street, New York, U.S.
	1893 Mar. 7. 1906 Apr. 24.	{ WOODBURN, ALEXANDER, B.Sc. (<i>Glas.</i>) }	Lagos Railway, Lagos, West Africa.
C +	{ 1896 Apr. 14. 1909 Feb. 9. }	*WOOD-HILL, ARTHUR	{ N.L. Ry., Engr.'s Office, Camden Town Station, N.W.
	1906 Mar. 6.	WOODROFFE, THOMAS HALE ..	{ Halehurst, Linda Crescent, Grace Park, Hawthorn, Victoria.
	1866 Dec. 4. 1873 May 20.	WOODS, EDWARD HENRY ..	{ 110 Cannon Street, E.C. (Fundum, London.)
	1881 Dec. 6. 1899 Apr. 18.	{ *WOODS, RICHARD JOHN, M.E. (<i>Royal</i>), F.C.H. ... }	{ Englewood, Englefield Green, Surrey.
	1894 Feb. 6. 1909 Jan. 12.	{ *WOODWARD, HENRY RICHARD KEMP }	{ Dist. Engr.'s Office, G.W. Ry., Shrewsbury.
m +	{ 1892 Feb. 2. 1899 Dec. 12. }	*WORDINGHAM, CHARLES HENRY	{ Beechgrove, Ridgeway Road, Red- hill. (Redhill 453.)
	1882 Feb. 7. 1908 Apr. 14.	*WORGER, DOUGLAS FITZGERALD	{ Metropolitan Water Board, Southern District Engr.'s Office, Brixton Hill, S.W. (Brixton 7.)
	1892 Jan. 12. 1911 Mar. 14.	WORMALD, JOHN	Queen Anne's Chambers, S.W.
	1884 Mar. 4.	WORSDELL, THOMAS WILLIAM	Stonycroft, Arnside, Carnforth.
t +	{ 1881 Feb. 1. 1893 Nov. 14. }	WORTH, JOHN EDWARD	{ County Council, Spring Gardens, S.W.

	Date of Election and of Transfer.	MEMBERS.	
S t †	1893 Dec. 5.	*WORTH, RICHARD GEORGE	42 George Street, Plymouth.
	1909 Apr. 27.	HANSFORD	
	{ 1885 May 19.	WORTHINGTON, EDGAR,	1 St. John's Gardens, W.
	{ 1905 Apr. 11.	B.Sc. (Victoria)	
	1839 Apr. 23.	WORTHINGTON, SAMUEL BARTON	Mill Bank, Bowdon, Cheshire.
†	1861 Jan. 8.	*WORTHINGTON, WILLIAM	Engr.-in-Chief, M. Ry., Derby.
	{ 1880 Jan. 13.	BARTON, B.Sc. (Lond.)	
	{ 1884 May 27.	(Member of Council)	
T t †	1908 Jan. 14.	WORTLEY, HENRY BELL ..	{ Kent House, Egerton Park, Rock
			{ Ferry, Birkenhead.
	1870 Jan. 11.	WRAGGE, EDMUND	96 Madison Avenue, Toronto, Canada.
	1884 Mar. 4.	WRIGHT, JAMES WALKER ..	Fairview, De Pary's Av., Bedford.
	1888 Feb. 7.	WRIGHT, JOHN JAMES	{ 6 Pellhurst Road, Ryde, Isle of
	{ 1901 Jan. 15.		{ Wight.
	1890 Feb. 4.	WRIGHT, JOHN ROBERT MOSSE	Cleveland Irrigation, Bayville,
	{ 1910 Apr. 26.		{ Uitenhage District, S. Africa.
	1892 Mar. 1.	*WRIGHT, THOMAS	Dowson and Mason Gas Plant Co.,
	{ 1914 Apr. 21.		{ Ltd., Levenshulme, Manchester.
C †	1884 Mar. 4.	WRIGHT, WILLIAM	{ 19 West Hill Road, Waudsworth,
			{ S.W.
	{ 1869 Dec. 7.	WRIGHTSON, Sir THOMAS,	5 Victoria Street, S.W.
	{ 1877 May 29.	Bart.	
	{ 1883 May 29.	*WYATT, JAMES WILLIAM,	c.o. Mrs. Nicol, 14 Cavendish Square,
	{ 1906 Dec. 4.	F.C.H.	
			W.
	1904 Apr. 19.	{ WYNNE, Sir TREVEDYN RASH-	Government Director of Indian
		{ LEIGH, K.C.S.I., K.C.I.E. ..	
	1888 Feb. 7.	*WYNNE-EDWARDS, HUGH	Rys., India Office, Whitehall, S.W.
	1900 Apr. 3.	COPNER	Sir John Jackson, Ltd., 53 Victoria
			Street, S.W.
	1894 Dec. 4.	WYNNE-ROBERTS, ROBERT	P.O. Box 65, Regina, Sask., Canada.
	{ 1905 Mar. 28.	OWEN	
	1881 May 3.	WYRILL, RALPH HENRY ..	Guildhall, Swansen.
	1891 Dec. 11.		
†	1879 Mar. 4.	YABBICOM, THOMAS HENRY ..	{ City Engr.'s Office, 63 Queen Square,
	1898 Nov. 29.		
	{ 1869 Dec. 7.	YARROW, ALFRED FERNANDEZ	Homestead, Hindhead, Surrey.
	{ 1879 Nov. 4.	(former Member of Council)	
	1909 Jan. 12.	{ YEATMAN, MORGAN EDWARD,	Parliament Mansions, Victoria
†		{ M.A. (Cantab.)	
	1909 Dec. 7.	YERBURY, HARRY EDWARD ..	Street, S.W.
			Corporation Tramways, Sheffield.
†	1876 May 2.	YOCKNEY, SYDNEY WILLIAM ..	{ 53 Victoria Street, S.W. (Yockney,
			{ London. 53 Victoria.)
†	1872 Apr. 9.	YOUNG, EDWARD WILLIAM ..	Tytherley, Wimborne, Dorset.
	1910 Dec. 6.	YOUNG, JOHN	Burgh Surveyor's Office, Ayr.
	1889 Mar. 5.	YOUNG, ROBERT AUSTEN ..	Westport, N.Z.
	{ 1908 Jan. 14.		
	1910 Mar. 1.	YOUNG, SMELTER JOSEPH ..	Burton Weir Works, Sheffield.
	1876 Dec. 5.	{ YOUNG, GEORGE NICHOLAS,	1 Victoria Street, S.W.
	{ 1884 Jan. 8.	{ B.A.I. (Dubl.)	
	1884 Mar. 4.	ZACHARIASEN, LARS SEVERIN ..	34 Nevern Place, Earl's Court, S.W.
	1896 Nov. 16.		

Total number of Members 2,390.

ASSOCIATE MEMBERS.

[Assoc. M. Inst. C.E.]

N.B. *Those elected prior to the 2nd of December, 1878, have been transferred into this class by the Council.*

	Date of Election.		ASSOCIATE MEMBERS.	
	1880 May 4.	ABBEY, JOE BURMAN	{ District Bank Chambers, Market Street, Huddersfield.	
	1893 May 2.	ABBOT, FREDERICK WILLIAM ..	{ Ebro Irrigation & Power Co., Ltd., Apartado 14, Lerida, Spain.	
	1907 Dec. 3.	ABBOTT, ALFRED ERNEST ..	{ The Square, Wolverton, Bucks.	
	1891 Dec. 1.	*ABBOTT, GEORGE HERBERT ..	{ Waterworks Office, Southport.	
m B	1907 Jan. 8.	{ *ABLETT, CHARLES ANTONY, B.Sc. (Engineering) (Lond.)	{ Siemens Co. of Canada, Ltd., Transportation Buildings, Montreal.	
	1902 Apr. 8.	*ACFIELD, JOSHUA EDWARD ..	{ City Engineer's Office, Leeds.	
	1892 Dec. 6.	{ *ACKERMAN, ALFRED SEABOLD ELI, B.Sc. (Engineering) (Lond.)	{ 25 Victoria Street, S.W. (Victoria 244. Windolite, London.)	
	1895 Dec. 3.	{ ACKLAND, CHARLES GEORGE HERBER	{ Hughes & Lancaster, 81 Charia Abbas, Cairo, Egypt.	
	1897 Mar. 2.	ACKLAND, THOMAS JOHN HENRY	{ 12 Talbot Road, Margate.	
	1912 Jan. 9.	{ *ACLAND, HERBERT ARTHUR DYKE, B.A. (Cantab.) ..	{ Hall Car House, Sheffield.	
	1902 Dec. 2.	ACOCKS, HERBERT FRANCIS ..	{ Fernyhurst, Ashtead, Epsom.	
	1889 Feb. 5.	*A COURT, SIDNEY	{ 39 Victoria Street, S.W. (Togatus, London.)	
	1894 May 22.	{ ADAIR, GERALD ARTHUR, B.A.I. (Dubl.)	{ Engr.'s Office, D. & S.E. Ry., 52 Westland Row, Dublin.	
	1909 Apr. 6.	ADAM, BENJAMIN	{ Res. Engr.'s Office, Joint Dock, Hull.	
	1900 Jan. 9.	{ ADAM, MATTHEW ATKINSON, B.Sc. (Glas.)	{ 57 Lincoln's Inn Fields, W.C.	
	1893 Apr. 11.	ADAMS, ALEXANDER	{ City Hall, Newcastle, New South Wales.	
m	1903 Jan. 13.	*ADAMS, BERTRAM KEITH ..	{ Mauritius Government Rys., Port Louis, Mauritius.	
	1906 Mar. 6.	{ *ADAMS, FREDERICK GUY TREVENEN	{ Bulkeleigh, Shavington Avenue, Chester.	
	1906 Dec. 4.	{ *ADAMS, JOHN DINGLE, B.A. (Oxon.)	{ Badharlick, Broadstone, Dorset.	
	1907 Apr. 9.	ADAMS, REGINALD HERBERT ..	{ Topham, Jones & Railton, Singapore, S.S.	
	1900 Dec. 4.	ADAMS, SAMUEL HENRY	{ Adams-Hydraulics, York.	
	1883 Jan. 9.	*ADAMS, THOMAS	{ Engr.'s Office, North Staffs. Ry., Stoke-on-Trent.	
	1908 Dec. 1.	ADAMS, WALTER EDWARD ..	{ Circular Quay, Sydney, N.S.W.	
	1901 Mar. 5.	{ ADAMS, WILLIAM CHATTERTON, B.A.I. (Dubl.)	{ Ecole Khediviale d'Arts et Métiers, Cairo.	
	1889 Dec. 3.	*ADDIS, FREDERICK HENRY ..	{ Ajmer, India.	
	1901 Dec. 3.	*ADDIS, ROBERT BAWN, F.C.H.	{ Grindlay, Groom & Co., Bombay.	
	1912 Feb. 6.	{ *ADSHEAD, HAROLD EDWARD, B.A. (Cantab.)	{ Great Bardfield, Braintree.	
	1895 May 21.	AGABEG, FRANK JOSEPH ..	{ Apcar & Co., Sitarampore, Bengal.	
	1897 Feb. 2.	AHLERS, RUDOLPH OSWALD ..	{ Mrs. Ahlers, Holly Bank, Godalming.	
	1912 Apr. 23.	*AINSLEY, FREDERICK JAMES ..	{ 93 West Road, Westcliff.	
	1890 Feb. 4.	AINSWORTH, ALFRED EDWARD	{ Midland Ry., Engr.'s Office, Derby.	

Date of
Election.

ASSOCIATE MEMBERS.

	1912 Jan. 9.	{ *AINSWORTH, JOHN PERCY, B.Sc. (Engineering) (Lond.) }	Albion Place, Bury.
	1911 Apr. 11.	*AIREY, JOHN	{ Engineering Dept., Michigan University, Ann Arbor, Mich., U.S.A.
+	1899 Mar. 7.	AITCHISON, GOWRIE COLQUHOUN	S'th Collingham, Newark-on-Trent.
	1901 Dec. 3.	{ AITKEN, THOMAS MARTIN, B.Sc. (Glas.) }	Lond. Electric Supply Co., Stowage Wharf, Deptford, S.E.
	1883 May 29.	*ALBRIGHT, JOHN FRANCIS ..	Uplands, Hook Heath, Woking.
	1892 Dec. 6.	{ *ALBUQUERQUE-MARANHAO, AF- FONSO DE OLIVEIRA DE .. }	250 Rua de St. Clemente, Botafogo, Rio de Janeiro, Brazil.
	1908 Dec. 1.	*ALDINGTON, HUBERT EDWARD	{ Chief Engr.'s Office, South Australian Government Rys., Adelaide
	1913 Apr. 22.	ALDOUS, ROBERT CRAFTS ..	{ City Engr.'s Office, Guildhall, Nottingham.
	1913 Mar. 11.	*ALDRED, ARTHUR	{ Craftsmen, Ellesmere Park, Eccles, Manchester.
	1883 Mar. 6.	{ *ALDRIDGE, JAMES GEORGE WILLCOX }	39 Victoria Street, S.W.
	1907 Dec. 3.	ALEXANDER, CHARLES WILLIAM	45 Oakland Road, Newcastle-on-Tyne.
M f +	1904 Dec. 6.	{ *ALEXANDER, Professor CONNELL WILLIAM LONG, (M.Sc.) (Birmingham), B.E. (Royal) }	University College, Cork.
	1914 Apr. 21.	{ ALEXANDER, DOUGLAS JOHN, B.Sc. (Engineering) (Lond.) }	36 Dudley Drive, Hyndland, Glasgow.
	1910 Jan. 11.	{ ALEXANDER, HAROLD ANDER- SON }	17 Milton Road, Hanwell, W.
	1908 Apr. 7.	{ ALEXANDER, HAROLD MON- TAGUE }	11 Cornhill, E.C.
	1904 Mar. 1.	*ALEXANDER, JAMES	{ Furness Ry., Engr.'s Office, Barrow-in-Furness. [gow.]
	1905 Apr. 4.	ALEXANDER, JOHN	1 Broomhill Avenue, Partick, Glasgow.
	1908 Dec. 1.	*ALEXANDER, JOHN EDWARD ..	{ Land Office, Nairobi, British East Africa.
	1904 Apr. 12.	ALEXANDER, JOSEPH GEORGE	Municipal Engr., Cawnpur, India.
	1910 Dec. 6.	ALEXANDER, ROBERT DEMISTER	Box 1160, Johannesburg, Transvaal.
	1904 Feb. 2.	{ *ALEXANDER, ROBERT DONALD THAIN }	Lower Ganges Bridge, Paksey, nr. Sura, E. Bengal.
	1895 Dec. 3.	*ALEXANDER, WILLIAM	{ Caledonian Ry., Buchanan Street Station, Glasgow.
	1905 Apr. 4.	ALEXANDER, WILLIAM	{ South African School of Mines and Technology, Johannesburg.
	1911 Apr. 21.	{ *ALLCUT, EDGAR ALFRED, M.Sc. (Birmingham) .. }	32 St. Matthew's Road, Smethwick.
	1905 Dec. 5.	*ALLEN, GEORGE JAMESON ..	{ Assist. Engr., Port Commissioners' Office, Calcutta.
	1909 Apr. 6.	*ALLEN, GEORGE READ	{ Engr.'s Dept., Municipal Offices, Singapore, S.S.
	1896 Mar. 3.	*ALLEN, GORDON	54 Kenilworth Avenue, Wimbledon, [S.W.]
	1903 Jan. 13.	{ *ALLEN, HAROLD GWYNNE, M.A. (Camb.) }	Queen's Works, Bedford.
	1914 Feb. 3.	ALLEN, HERBERT THOMAS ..	Ingate House, Beccles, Suffolk.
	1912 Dec. 3.	*ALLEN, JULIAN	{ Agent's Office, Burma Railways, Rangoon, Burma.
	1893 Dec. 5.	ALLEN, MARCUS	Carlton Lawn, Chester Road, Stretford, Manchester.
M +	1881 Apr. 5.	*ALLEN, PERCY RUSKIN	Ferncliffe, Higher Runcorn, Cheshire
	1898 Feb. 1.	ALLEN, RAYMOND CECIL	{ Land Officer and Director of Surveys, Entebbe, Uganda [via Mombasa].
	1900 Feb. 6.	ALLEN, SIDNEY	G. C. Ry., Guide Bridge, Manchester.
	1885 Dec. 1.	{ *ALLISAN, FRANÇOIS ALBERT LOUIS }	Viborgskoe Chaussee 20, Lesnoe, St. Petersburg.
	1907 Mar. 5.	*ALLIN, RUSSELL VINCENT ..	{ L. C. C., Bridges Section, Spring Gardens, S.W.

Date of Election.	ASSOCIATE MEMBERS.	
1893 Dec. 5.	ALLISON, JOHN LOGIE	{ Ross & Holgate, North British and Mercantile Building, St. François Xavier Street, Montreal, Canada.
1911 Feb. 7.	*ALLISON, LOUIS GEORGE	Eudyne, Oakshaw, Paisley.
1908 Apr. 7.	*ALLOTT, CHARLES WILLIAM	46 Brown Street, Manchester.
1891 Jan. 13.	*ALLPORT, DOUGLAS, JUN.	6 Newton Grove, Chiswick, W.
1904 Apr. 12.	{ ALLSOP, JOHN WILLIAM KIDSTON }	67 Avenue Road, Regent's Park, N.W.
1897 Jan. 12.	AMAN, FREDERICK THEODOR	City Engineer's Office, Liverpool.
1912 Jan. 9.	*AMERGSE, JOHN GOLDWELL	{ 43 Thornton Avenue, Bedford Park, Chiswick, W.
1892 Mar. 1.	AMES, ERNEST FITZROY	Oak Lodge, Ham Common, Surrey.
1910 Apr. 5.	AMOS, HENRY CHARLTON	{ Abbey Leigh, Abbey Road, Darlington.
1893 Mar. 7.	{ *AMPHLETT, EDWARD ALBIN, B.E. (Sydney) }	{ Boonerah, Crow's Nest Road, North Sydney, N.S.W.
M ✚ 1909 Dec. 7.	*ANDERSON, ALEXANDER COLIN	{ 605 Caxton House, Westminster, S.W.
1914 Apr. 7.	{ ANDERSON, ALEXANDER DILL B.E. (Belfast), B.A. (Royal) }	Engr.'s Dept., Water Office, Belfast.
1890 May 6.	ANDERSON, ARTHUR ROBERT	Railway Board, Simla, India.
t ✚ 1906 Jan. 9.	{ ANDERSON, DAVID, B.Sc. (St. Andrews) }	11 Boley Hill, Rochester, Kent.
C ✚ 1883 Dec. 4.	*ANDERSON, EDWARD WILLIAM	{ Lesney, Warwick Road, Solihull, Birmingham.
1910 Jan. 11.	{ *ANDERSON, FREDERICK WIL- LIAM }	{ F.C.B.A.P., Calle Florida 783, Buenos Aires.
1913 Dec. 2.	{ ANDERSON, FREDERICK WIL- LIAM }	{ 34 Murrayfield Road, Murrayfield, Midlothian.
1892 Mar. 1.	ANDERSON, GEORGE WILLIAM	5 Westminster Chambers, S.W.
1906 Jan. 9.	*ANDERSON, HENRY	{ c.o. H. S. King & Co., 65 Cornhill, E.C.
1885 May 19.	*ANDERSON, HERBERT WILLIAM	{ S. W. Laboratory, 43 St. James's Road, Kingston. (Kingston 186.)
1905 Apr. 4.	ANDERSON, JAMES, JUN.	Farme House, Rutherglen, N.B.
1881 Apr. 5.	ANDERSON, JOHN	160 High Street, Montrose.
1894 Dec. 4.	*ANDERSON, JOHN REID	{ The Hollies, Gibsons Hill, Norwood, S.E.
1913 Jan. 14.	*ANDERSON, MATTHEW	6 Rosebery Avenue, South Shields.
1907 Apr. 9.	{ ANDERSON, MATTHEW EDMUND MOORE, B.A. (Cantab.) }	Lovedale, Cape Province, S. Africa.
1908 Dec. 1.	*ANDERSON, PAUL ALEXANDER	Ballymountain House, Waterford.
1893 Jan. 10.	*ANDERSON, PIERCIE SEVERN	Dredging Co., Cairo.
1889 Dec. 3.	*ANDERSON, ROBERT BRUCE	{ 5 Westminster Chambers, Victoria Street, S.W.
1897 Mar. 2.	*ANDERSON, ROBERT HAY	Apartado 866, Mexico, D.F.
1887 Feb. 1.	{ *ANDERSON, ROBERT OGILVIE NEWTON, B.A.I. (Dubl.) }	Bagar Serai, Perak, S.S.
1884 Dec. 2.	ANDERSON, THOMAS	1 Belmont Street, Hillhead, Glasgow.
1902 Dec. 2.	ANDERSON, TOM SCOTT	8 Southbourne Road, Sheffield.
1896 Dec. 1.	{ ANDERSON, WALTER VICKER- STAFF }	City Surveyor, Winchester.
1904 Apr. 12.	ANDERSON, WILLIAM FERGUSON	{ J. A. Anderson, Fettercairn Estate Office, Fettercairn, N.B.
1875 May 11.	ANDRÉ, GEORGE GUILLAUME	{ 134 Wilbury Road, Letchworth, Herts.
1891 Dec. 1.	ANDREONI, LUIS	{ Central Uruguay Ry., Monte Video, Uruguay.
1908 Apr. 7.	ANDREW, HARRY MELLOR	{ J. Hopkinson & Co., Ltd., Britannia Works, Huddersfield.
1905 Apr. 4.	{ ANDREWES, EDWARD, B.Sc. (McGill) }	{ Maen Offeren Slate Quarry Company, Portmadoc, N. Wales.

Date of Election.	ASSOCIATE MEMBERS.	
1906 Apr. 3.	ANDREWS, HEDLEY	33 Wrotesley Road, Plumstead, S.E.
1889 Dec. 3.	{ ANDREWS, SAMUEL GEORGE THORNTON }	Cefn Eithen, Swansea.
1913 Dec. 2.	*ANDREWS, WALTER	{ 25 Rutland Road, West Bridgford, Nottingham.
1888 Dec. 4.	ANDREWS, WILLIAM WALLACE	{ Railways Dept., Victoria Square Adelaide, South Australia.
1883 Mar. 6.	ANGELL, JOHN ALEXANDER ..	District Council, Beckenham, S.E.
1910 Jan. 11.	ANGLESEA, WILLIAM GEORGE	386 Old Street, E.C.
1910 Feb. 1.	*ANGUS, ROBERT JOHN	Grindlay, Groom and Co., Calcutta.
1913 Jan. 11.	{ ANGWIN, ARTHUR STANLEY, B.Sc. (Engineering) (Lond.) }	{ Engineering Dept., P.O. Telegraphs, Waterloo Street P.O., Glasgow.
1906 Apr. 3.	*ANGWIN, CHARLES ASHLEY ..	Engr.'s Office, Taff Vale Ry., Cardiff.
1896 Dec. 1.	ANSAN, WILLIAM CRAIG ..	Gorakhpur, N.W.P., India.
1907 Feb. 5.	{ *ANNEAR, ROBERT LEE, B.Sc. (Wales) }	{ 68 Rothwell Road, Gosforth, New- castle-on-Tyne.
1892 Feb. 2.	*ANTHONY, ALBERT EVERSHERD	{ Royal Insurance Chambers, 162 North Street, Brighton.
1881 Apr. 5.	ANTILL, BENJAMIN HILLIER ..	{ Siemens Bros. Dynamo Works, Ltd., Caxton House, Westminster, S.W.
1904 Dec. 6.	*ANTINORI, JOHN CHARLES ..	Riccione Marina, Rimini, Italy.
1898 Apr. 5.	*ANZORENA, JACINTO	Mendoza, Argentina.
m † 1890 Apr. 1.	*APPLEBY, PERCY VAVASSEUR ..	Hillcroft, Upper Bridge Road, Red- hill, Surrey.
1906 Dec. 4.	*APTED, FRANK EARDLEY ..	Doods Brow, Reigate.
1912 Dec. 3.	*APTED, HENRY WILLIAM ..	{ Richmond Corporation Waterworks, Riverside, Richmond, Surrey.
1897 Apr. 6.	ARBUTHNOTT, DONALD STEWART	Bay View Mount, Paignton.
1907 Dec. 3.	{ *ARCHIBALD, ROBERT DOUGLAS, B.Sc. (Glas.) }	{ The Technical College, Bell Street, Dundee.
B 1908 Dec. 1.	*ARIES, RONALD BUGLER	{ Southern Section, Tientsin-Pukow Ry., Nanking, China [via Siberia].
1891 Feb. 3.	ARMER, JAMES	10 Eastcheap, E.C.
1882 May 23.	ARMISTEAD, RICHARD	10 Booth Street, Bradford.
1890 Apr. 1.	ARMITAGE, CHARLES	Gasworks, Lancaster.
1893 Feb. 7.	{ *ARMITAGE, FREDERICK RHODES, B.A. (Cantab.) }	Noan, Thurles, co. Tipperary.
1894 Feb. 6.	ARMSTRONG, CHARLES FREDERICK	Egyptian Dredging Co., Cairo.
1908 Dec. 1.	{ ARMSTRONG, FRANCIS EDWIN, B.Sc. (Victoria) }	32 Newbould Lane, Sheffield.
1912 Dec. 3.	{ *ARMSTRONG, KENNETH KNOWLES, B.Eng. (Liver- pool) }	P.W.D., Khartum, Sudan.
1884 Dec. 2.	{ ARMSTRONG, LAWRENCE HEN- NESSEY CLUBBY }	6 Regent Park Square, Strathbungo, Glasgow.
1913 Apr. 22.	{ *ARNALL, ARTHUR THOMAS, B.Sc. (Lond.) }	{ 67 Stanmore Road, Edgbaston, Birmingham.
1914 Apr. 7.	ARNALL, ERNEST EDGAR	{ 67 Stanmore Road, Edgbaston, Bir- mingham.
1891 Dec. 1.	ARNALL, THOMAS WILLIAM ..	City Surveyor's Office, Birmingham.
1904 Apr. 19.	ARNEY, ARTHUR EDWARD ..	{ Snoqualmie, Richardson Street, Perth, W.A.
1914 Apr. 7.	{ ARNOLD, BENING MOURANT, B.A. (Cantab.) }	Camelot, Surrey Road, Bourne- mouth.
1890 Dec. 2.	ARNOLD, THOMAS	The Park, Llanelly.
1911 Jan. 10.	*ARNOTT, CHARLES DUDLEY ..	{ Chinese Imperial Maritime Customs Shanghai, China [via Siberia].
1902 Dec. 2.	ARNOTT, HENRY DUDLEY ..	171 High Street, Gorseston-on-Sea.
1904 Dec. 6.	{ *ARNOTT, ROBERT FLEMING, B.E. (Sydney) }	{ 95-97 Liberty Street, New York, U.S.A.
1913 Dec. 2.	ARNOULD, FRANCIS GRAHAM ..	{ e.o. Grindlay and Co., 51 Parliamen- t Street, S.W.

Date of Election.	ASSOCIATE MEMBERS.	
1891 May 12.	AROCENA, CARLOS ALBERTO ..	Calle de Piedras 163, Monte Video.
1876 Apr. 4.	*ARTEAGA, RODOLFO DE	72 Calle Buenos Ayres, Monte Video.
m 1902 Apr. 8.	*ARTER, ARTHUR MARSHALL ..	Beavor Lane, Hammersmith, W.
1904 Jan. 12.	*ARTHUR, ALLAN	192A St. Vincent Street, Glasgow.
1906 Dec. 4.	*ARTHUR, ROBERT	Rosedale, Albert Road, Caversham.
1909 Dec. 7.	{*ASH, WILFRID CRACROFT, } B.Sc. (Engineering) (Lond.)	Asst. Engr., Port Commission, Calcutta.
1874 Apr. 14.	ASHBURY, THOMAS	{ Ash Grove, Victoria Park, Manchester.
1897 Feb. 2.	ASHCROFT, EDGAR ARTHUR ..	Plumley, Bovey Tracey, Devon.
1913 Mar. 11.	*ASHDOWN, CHARLES FREDERICK	{ The Nook, Framingham Pigot, nr. Norwich.
1894 Feb. 6.	ASHENDEN, PERCY	{ Hankey, via Port Elizabeth, C.P., S. Africa.
1903 Feb. 3.	{*ASHFORTH, GEORGE ERNEST, } M.Sc. (Victoria)	Surveyor's Dept., The Castle, Chester.
✠ 1873 May 6.	*ASHHURST, FRANCIS HENRY ..	Oulton, Danes Hill, Woking.
1914 Mar. 3.	{*ASHWELL, ERNEST } B.Sc. (Birmingham)	17 Bernard Street, Walsall.
1890 Feb. 4.	ASHWELL, HARRY	{ Stanford House, Stanford-le-Hope, Essex.
1893 May 16.	{*ASHWORTH, ARTHUR ALAN, } M.A. (Cantab.)	8 Fife Road, Darlington.
1892 Jan. 12.	*ASLETT, ALFRED HENRY ..	{ Deputy Chief Engr., East Indian Ry., East Indian Ry. House, Calcutta.
1906 Dec. 4.	*ASTBURY, ARTHUR RALPH ..	Torrentium Cottage, Simla, India.
1910 Jan. 11.	*ATCHERLEY, LEWIS WINTER ..	{ Departamento de Obras Publicas, Tucuman, Argentina.
1911 Jan. 10.	*ATCHISON, CHARLES FOSTER ..	Morgan Crucible Co., Battersea, S.W.
1890 Dec. 2.	ATHIN, SAMUEL	Aligarh, U.P., India.
1886 Dec. 7.	ATKINS, ALFRED	Wellington, N.Z.
1906 Dec. 4.	{*ATKINS, MALCOLM RAMSAY, } B.Sc. (Engineering) (Lond.)	Drainage Works, Colombo, Ceylon.
1885 Mar. 3.	ATKINSON, ALFRED	Brigg, Lines.
1910 Jan. 11.	ATKINSON, FENTON ASSHETON	{ Atkinson, Saunders & Co., 77 King Street, Manchester.
1908 Dec. 1.	ATKINSON, GEORGE FREDERICK	{ Fylde Water Board, Sefton Street, Blackpool.
1885 Feb. 3.	*ATKINSON, JOHN	Boro' Surveyor, Stockport.
T t m ✠ 1888 Dec. 4.	*ATKINSON, LLEWELYN BIRCHALL	{ Alster, Little Hampden, Great Missenden, Bucks.
1910 Dec. 6.	*ATKINSON, REGINALD CHARLES	{ Yorkshire Electric Power Co., Wellington Road, Dewsbury.
1880 Dec. 7.	*ATKINSON, ROBERT PHILIP ..	c.o. H. S. King & Co., Pall Mall, S.W.
1902 Apr. 8.	ATKINSON, WILLIAM LOWE ..	{ Miss A. Atkinson, Sunny Bank, Aspley Heath, Woburn Sands, Beds.
1894 Jan. 9.	*ATLEY, GEORGE WILLIAM PERCY	{ Engineer's Office, Great Central Railway, Marylebone, N.W.
1911 Dec. 5.	*ATTENBOROUGH, ERNEST JOHN	Midhurst, Thorncliffe Road, Nottingham.
1905 Dec. 5.	AULD, JAMES PATON	{ Director of P.W., Belize, British Honduras.
1912 Mar. 5.	AUST, FRANK, B.Sc. (Glas.) ..	{ Mechanical Engineering Dept., Peking University, Tientsin, China.
1888 Mar. 6.	*AUSTIN, ALBERT ERNEST ..	Market Place, Bleuheim, N.Z.
1910 Dec. 6.	*AUSTIN, GEORGE HERBERT ..	{ Agnas Corrientes, Lomas, F.C.S., Argentina.
1896 May 19.	*AVELING, THOMAS CLIFFORD ..	91 New Canal Street, Birmingham.
1882 May 23.	AVELING, THOMAS LAKE ..	Boley Hill House, Rochester.
1914 Feb. 3.	*AYLWARD, RICHARD NUNN ..	{ Harbour Branch Extension Ry., G.I.P. Ry. Office, Carlton House, Bombay.

Date of
Election.

ASSOCIATE MEMBERS.

* 1885	Apr. 14.	AYTOUN, ROBERT	{ 34 Cranbourne Terrace, Stockton-on-Tees.
1908	Dec. 1.	{ BABINGTON, OSCAR JOHN GILMORE, B.A.I. (<i>Dubl.</i>)	{ Engr.'s Dept., F.C. Central Argentine, Bartolome Mitre, Buenos Aires.
1890	Dec. 2.	BACH, JOHN EDMUND	
1896	May 5.	BACON, ARTHUR DRAX	{ c.o. Standard Bank of South Africa, 10 Clement's Lane, Lombard Street, E.C.
1912	Apr. 23.	*BACON, JAMES	{ Mortimer & Bacon, 10 Arthur Street, London Bridge, E.C.
1908	Feb. 4.	*BADDELEY, GEORGE HENRY ..	{ Bird Grove, George Eliot Road, Coventry.
1913	Apr. 22.	{ BADGER, FREDERICK ERNEST GEORGE	{ Municipal Buildings, Liverpool.
1908	Apr. 7.	{ BAERLEIN, EDGAR MAXIMILIAN, B.A. (<i>Cambr.</i>) ..	{ 12 Blackfriars Street, Manchester.
1888	Mar. 6.	*BAGGS, EDWIN	{ 3605 Knight Road, Vancouver, B.C.
1892	Dec. 6.	{ *BAGOT, LEWIS BROWN, <i>Captain</i> , Staff for R.E. Services	{ 11 Oakland Road, Redland, Bristol.
1914	Jan. 13.	*BAGRAM, JOHN THEOPHILUS ..	{ 8 Horbury Crescent, Notting Hill Gate, W.
1887	May 24.	BAILES, WALTER HENRY ..	{ L.B. & S.C. Ry., London Bridge, S.E.
1905	Apr. 4.	BAILEY, CHARLES	{ 244 Burrage Road, Plumstead, Woolwich.
1901	Apr. 2.	*BAILEY, JAMES HENRY	{ Engineer's Office, G. N. Ry., King's Cross, N.
1892	Apr. 5.	*BAILEY, STANLEY CLAUDE ..	{ The Laurels, Banstead Road, Ewell.
1907	Dec. 3.	BAILEY, WALTER	{ 25 Grosvenor Road, Batley.
1889	Mar. 5.	*BAILLIE, JAMES PICTON	{ Cardigan, S. Wales.
1908	Dec. 1.	BAILLIE, ROBERT	{ 10 Hamilton Crescent, Partick, Glasgow.
1908	Feb. 4.	BAIN, JAMES, B.Sc. (<i>Edin.</i>) ..	{ F.C. Central, Montevideo.
1908	Mar. 3.	*BAINES, GEORGE NORMAN ..	{ N. E. Ry., Engr.'s Office, York.
1887	Dec. 6.	BAIRD, FRANK OSBORNE	{ 39 Portland Road, Hove, Brighton.
1908	Apr. 7.	BAIRD, JAMES ALEXANDER ..	{ St. Nessan's, Sutton, co. Dublin.
1912	Jan. 9.	BAKER, ALFRED JAMES	{ P.W.D., Taumarunui, N.Z.
1881	Dec. 6.	*BAKER, CHARLES JOHN SEYMOUR	{ 15 Eldon Road, Kensington, W.
1908	Apr. 7.	{ BAKER, CLARENCE FRANK STEWART	{ Fort Frederick, Trincomalee, Ceylon.
1889	Jan. 8.	*BAKER, EARNEST WHEATSTONE	{ Lott and Walne, Dorchester.
1904	Jan. 12.	{ *BAKER, ERIC SAMUEL SANCROFT, B.A. (<i>Cambr.</i>) ..	{ Elswick Works, Newcastle-on-Tyne.
1899	Dec. 5.	{ *BAKER, GEORGE ARTHUR MARSHALL	{ Lyncote, Sunnyhill Road, West Southbourne, Bournemouth.
1907	Dec. 3.	*BAKER, LUCIUS AVELING ..	{ c.o. The Argentine (South) Development Co., Ltd., 2 Copthall Buildings, E.C.
1909	Dec. 7.	{ BAKER, RICHARD STANLEY, M.Sc. (<i>Victoria</i>)	{ Thos. Cook & Son, P.O. Box 78, Rangoon, Burma.
1897	Mar. 2.	*BALDWIN, LEONARD LUDOVIC	{ Town Surveyor, Coalville, near Leicester.
t + 1901	Dec. 3.	{ *BALDWIN-WISEMAN, WILLIAM RALPH, M.Sc. (<i>Victoria</i>) ..	{ 162 Winchester Road, Southampton.
1904	Jan. 12.	*BALFOUR, JOHN AYLMER ..	{ Irrigation Dept., Fort Frederick, Trincomalee, Ceylon.
1892	Dec. 6.	*BALL, BENJAMIN	{ Municipal Engr.'s Office, Singapore S.S.
1908	Feb. 4.	*BALL, ERNEST WRIGHT	{ 25 Part Street, Southport.
1895	Mar. 5.	BALL, GEORGE	{ Urban District Council, Bexhill.

Date of Election.		ASSOCIATE MEMBERS.	
m	✠ 1908 Feb. 4.	*BALL, JAMES DUDLEY WARD	{ F.C. Oeste, Via y Obras, Plaza Once, Buenos Aires.
	1899 Dec. 5.	BALL, ROBERT STEELE	{ 3 Devana Terrace, Cambridge.
	1908 Dec. 1.	BALL, WILLIAM JOHN	{ Municipal Buildings, Crewe.
	1900 Mar. 6.	*BALLANTYNE, THOMAS	{ 14 Blythswood Square, Glasgow.
	1912 Dec. 3.	*BALLARD, GILBERT ALFRED ..	{ Municipal Offices, Guildford.
	1908 Apr. 7.	BALLARD, WILLIAM EDGAR ..	{ Estville, Southam Road, Hall Green, Birmingham.
	1905 Dec. 5.	{ *BALSTON, FRANCIS WILLIAM, B.A. (<i>Cantab.</i>) }	{ Hurstdown, Maidstone.
✠	1892 May 24.	*BAMFORD, CHARLES FREDERICK	{ c.o. H. S. King & Co., Pall Mall, S.W.
	1897 Mar. 2.	{ BAMFORD, HARRY, M.Sc. (<i>Victoria</i>) }	{ University, Glasgow.
	1903 Jan. 13.	BANCROFT, FREDERICK HERBERT	{ Valuation Dept., Inland Revenue, 78 King Street, Manchester.
	1908 Feb. 4.	*BANISTER, WALTER GEORGE ..	{ Asst. Engr., R. & K. Ry., Bareilly, India.
	1913 Apr. 22.	{ *BANKS, ARTHUR GUELPH, B.Eng. (<i>Liverpool</i>) }	{ 36 Trafalgar Road, Southport.
	1891 Apr. 7.	BANKS, CHARLES	{ Oamaru, New Zealand.
	1890 May 20.	*BANKS, WALTER	{ 23 Hooley Range, Heaton Moor, Stockport.
	1895 May 21.	BANKS, WILLIAM	{ 10 Albany Road, Rochester.
	1908 Dec. 1.	BANNEHR, LEONARD WILLIAM	{ 344 Gray's Inn Road, W.C.
	1914 Jan. 13.	BANSALL, JOHN WILSON	{ 36 Lensfield Road, Cambridge.
	1909 Feb. 2.	*BARBER, CECIL	{ Conway Jenkins, F.R.A.M. Electric Vehicles, 175 Piccadilly, W.
	1895 Feb. 5.	*BARBER, EDWARD HAZLEDINE	{ Southern District Surveyor, Town Hall, Sheffield.
	1905 Apr. 4.	BARBER, GEORGE FREDERICK	{ 12 Dean's Yard, Westminster.
	1913 Dec. 2.	{ *BARCLAY, ARCHIBALD GEORGE GRANT }	{ Alexandra Ville, Taylors Road, Kilpauk, Madras.
	1912 Feb. 6.	{ BARCLAY, NOEL McEACHRAN, B.Sc. (<i>Glas.</i>) }	{ National Transcontinental Ry., 147 Mountain Hill, Quebec, Canada.
	1910 Feb. 1.	*BARKER, ARTHUR STANLEY ..	{ P.W.D., Colombo, Ceylon.
m	✠ 1893 Dec. 5.	*BARKER, CHARLES DAVIDSON ..	{ Bodlondub, Llandudno.
	1913 Apr. 22.	{ BARKER, CHRISTOPHER JAMES, B.Sc. (<i>Leeds</i>) }	{ Sewerage Engineer's Office, Great George Street, Leeds.
J m	✠ 1901 Jan. 8.	*BARKER, HAROLD WOOD	{ 17 Woodville Terrace, Bradford.
	1909 Apr. 6.	BARKER, HOWARD WILLIAM ..	{ Special Engr.'s Office, Napier Park, Madras, India.
	1894 Mar. 6.	*BARKER, OSWALD	{ 52 Victoria Road, Swindon.
	1890 Mar. 4.	BARKER, RAYNER CHILDE, C.I.E.	{ 66 Pattison Road, Child's Hill, N.W.
	1895 Dec. 3.	BARKER, THOMAS	{ 17 Woodville Terrace, Little Horton Lane, Bradford. [Ripon.]
	1908 Dec. 1.	*BARLOW, ALFRED	{ City Surveyor's Office, Town Hall,
	1908 Jan. 14.	BARLOW, CHARLES ROBERT ..	{ City Engineer's Office, Cape Town.
	1896 Mar. 3.	BARNARD, ADAM SEDGWICK ..	{ 5 Victoria Terrace, Walsall.
✠	1890 May 6.	{ *BARNARD, ROBERT CARY HENSLOW }	{ G.I.P. Ry., Manmad, India.
m	1908 Dec. 1.	*BARNES, ALFRED ATKINSON ..	{ Albert Chambers, Albert Square, Manchester.
✠	1888 Dec. 4.	{ *BARNES, CHARLES ARTHUR ALBERT }	{ Government Survey School, Lagos, S. Nigeria.
	1907 Dec. 3.	*BARNES, FREDERICK ARTHUR ..	{ City Engr.'s Office, Truro.
	1896 May 5.	BARNES, JOHN	{ 15 Ribblesdale Place, Preston.
	1910 Dec. 6.	BARNES JOHN EGERTON	{ L. J. Healing & Co., 155 Sonezaki, Kami-Sanchome, Kitaku, Osaka, Japan.
	1913 Dec. 2.	*BARNES, JOSEPH JAMES	{ Borough Surveyor's Office, Town Hall, Hove, Sussex.
	1914 Apr. 7.	*BARNES, LESLIE HOLDING ..	{ Thos. Cook & Son, Ludgate Circus, E.C.

Date of
Election.

ASSOCIATE MEMBERS.

	1887 Dec. 6.	{ BARNES, ROBERT SAMUEL WEMYSS }	The Bungalow, New Milton, Hants.
	1892 Dec. 6.	BARNES, SIDNEY WALTER JOHN	19 Denmark Road, Ealing, W.
	1907 Jan. 8.	*BARNETT, CECIL GUY, F.C.H.	{ Executive Engr., P.W.D., Delhi, India.
	1884 Feb. 5.	BARNETT, CHARLES WILLIAM	{ Logan's Buildings, Beech Street, Penang, S.S.
	1913 Dec. 2.	{ *BARNETT, THOMAS HENRY MAUGHAN }	Manaos Harbour, Ltd., Manaos, Brazil.
	1894 Dec. 4.	*BARNETT, WALTER GEORGE ..	c/o H. S. King & Co, 9 Pall Mall, S.W.
	1905 Apr. 4.	{ BARNHILL, JOHN JAMES STEWART }	Baltic Bldgs., Foyle Street, London- derry, Ireland.
	1905 Apr. 4.	BAIR, HUGH RITCHIE	{ Assist. Harbour Engr., 15 Regent Quay, Aberdeen.
	1909 Apr. 6.	BAIR, ROBERT HOUSTON ..	Sunnyside, Beechwood Avenue, Romiley, Stockport.
m	† 1898 Mar. 1.	{ *BARRACLOUGH, SAMUEL HENRY EGERTON, B.E. (Sydney) .. }	Russell School of Engineering, The University, Sydney, N.S.W.
	1887 Jan. 11.	BARRATT, JAMES	{ Council Chambers, Tallaganda Shire, Braidwood, New South Wales.
	1894 Dec. 4.	*BARRATT, SAMUEL HARRY HILL	Westholme, Hollycroft Avenue, Hampstead, N.W.
	1886 Dec. 7.	BARRATT, THOMAS BLAMEY ..	P.W.D., Perth, W. Australia.
	1891 Dec. 1.	BARRETT, ERNEST JAMES ..	Town Hall, Staines.
	1913 Feb. 4.	{ *BARRETT, GEORGE, B.Sc. (Glasgow) }	57 North Hamilton Street, Kil- marnock.
	1886 Dec. 7.	BARRETT, SYDNEY RUSSELL ..	{ Gas Dept., Council House, Bir- mingham.
	1913 Dec. 2.	*BARROW, WILFRID PHILIP ..	214 Union Street, Aberdeen.
	1892 Dec. 6.	*BARROW, ARTHUR ROBERT ..	{ G.T.P. Ry., 413 Union Depot, Win- nipeg, Canada.
	1889 Dec. 3.	*BARROWCLIFF, GEORGE HARRY	Mill Street, Loughborough.
	1913 Dec. 2.	*BARRY, ERNEST	{ North British Ry., Engr.'s Office, 23 Waterloo Place, Edinburgh.
	1889 Mar. 5.	{ *BARRY, HERBERT ALFRED LUCAS }	13 Rodger Drive, Rutherglen, Glasgow.
	1890 May 20.	BARRY, WILLIAM FITZ-GERALD	{ County Surveyor's Office, Court- house, Wexford.
	1911 Feb. 7.	{ *BARTHOLOMEW, RODERICK GEORGE }	P.W.D., Kalutara, Ceylon.
	1906 Dec. 4.	*BARTLETT, GODFREY THOMAS	22 Stow Park Avenue, Newport, Mon.
	1896 Feb. 4.	BARTON, ANDREW	{ Admiralty, Works Dept., Whitehall, S.W.
	1910 Dec. 6.	*BARTON, GEOFFREY BUTLER ..	11 Victorian Crescent, Doncaster.
	1907 Apr. 23.	{ BARTY, THOMAS PATRICK WILLIAM, B.Sc. (Edin.) .. }	Gordon College, Khartoum, Sudan.
	1912 Apr. 2.	*BASCOMBE, EDISS LANCELOT	{ 3 Bathwick Terrace, Bathwick Hill, Bath.
m	1884 Feb. 5.	*BASHALL, WILLIAM	[Sheffield.
	1904 Dec. 6.	BASHFORTH, ANDREW	213 Abbeyfield Road, Pitsmoor,
	1907 Jan. 8.	*BASTA, HABIB	{ 17 Endymion Terrace, Finsbury Park, N.
	1886 Feb. 2.	BATCHELOR, CYRIL TALWORTH	{ Orton Cottage, Water Orton, War- wickshire. (Stannum, Birming- ham.)
	1894 May 22.	BATE, DOUGLAS CLAVELL ..	40 Brazenose Street, Manchester.
	1887 Feb. 1.	BATERDEN, JAMES RAE	{ Emmerson Chambers, Blackett Street, Newcastle-on-Tyne. (Central 003).
R	1910 Dec. 6.	*BATES, FRANK	{ 5 Claremont Terrace, Newcastle-on- Tyne.
	1910 Dec. 6.	{ *BATSON, REGINALD GEORGE CYRIL }	18 Kingston Lane, Teddington, Middlesex.

Date of Election.	ASSOCIATE MEMBERS.	
1893 Apr. 11.	BATTERSBY, EDMUND	Albion Place, Walmersley Road,
1905 Dec. 5.	{ *BATTERSBY, HENRY LOUIS, F.C.H. }	Bury, Lancr.
1908 Feb. 4.	*BATTLE, PHILIP MARFLEET ..	Office of Public Works, Colombo, Ceylon.
1902 Apr. 8.	{ BATTLE, WILLIAM AUBREY AYLMER }	Burma Mines, Ltd., Pang Leng, via Manpwe, Northern Shan States, Burma.
1911 Dec. 5.	*BAUMGARTNER, REGINALD JOHN	Jodhpur-Bikaner Ry., Bikaner, Rajputana, India.
1908 Apr. 7.	{ BAX, HAROLD EDMUND IRON- SIDE }	Eldon, Weybridge, Surrey.
1910 Apr. 19.	*BAXTER, GEORGE SIMPSON ..	King George Apartments, 2154 Park Avenue, Montreal, Canada.
1913 Dec. 2.	BAXTER, JESSE HAIGH	Corporation Electricity Works, Stuart Street Station, Manchester.
1890 Dec. 2.	BAYLEY, GEORGE HERBERT ..	19 Cooper Street, Manchester.
✠ 1906 Apr. 3.	*BAYLEY, VICTOR	Railway Board, Simla, India.
1892 Feb. 2.	BAYLEY, WALTER FRANCIS ..	127 Westbourne Avenue, Hull.
1884 May 6.	*BAYLIS, PERCY	Richmond House, Panmure Road, Sydenham, S.E.
1892 Apr. 5.	BAYLIS, THOMAS PHILIP ..	169 Northfield Road, King's Norton, Birmingham.
1884 Dec. 2.	BAYLISS, THOMAS RICHARD ..	Belmont, Northfield, nr. Birmingham.
1891 Apr. 7.	*BAYNES, JOSEPH HENRY. ..	Harbour Board, Rockhampton, Queensland.
1905 Dec. 5.	BAYNTUN, ROBERT SOMERVILLE	Mersey Railway Power Station, Shore Road, Birkenhead.
1900 Apr. 3.	BAZALGETTE, EDWARD, Jun.	M. & S.M. Ry., Nellore, Madras Presidency, India.
1911 Mar. 7.	*BAZALGETTE, HARRY LATGUR	72 Primrose Mansions, Battersea Park, S.W.
1892 Dec. 6.	*BEADLE, FRANK EDWARD ..	St. George's Cottage, Greyswood, Haslemere.
1892 Mar. 1.	*BEAL, EDWIN JAMES	Southern Outfall Works, Crossness, Abbey Wood, Kent.
1913 Feb. 4.	*BEAL, ERNEST HEATHCOTE ..	Crossness, Abbey Wood, Kent.
1890 May 20.	{ *BEALE, BERTRAM ROBERT, B.A. (Cantab.) }	
1874 Jan. 13.	{ *BEAMISH, GEORGE HORATIO TOWNSHEND }	Spy Hill House, Queenstown, Cork.
1880 Mar. 2.	*BEAN, ALFRED WILLIAM THOMAS	52 Porchester Terrace, Hyde Park, W.
1913 Feb. 4.	{ *BEAN, BENJAMIN DONALD HEWITT }	Limbe, Nyasaland, Central Africa.
1911 Dec. 5.	*BEARD, ALBERT COTTRELL ..	453 Wolverhampton Road, Priestfield, Wolverhampton.
1898 Dec. 6.	BEARD, ARTHUR CHARLES ..	London County Council, Spring Gardens, S.W.
1903 Jan. 13.	{ *BEARD, SAMUEL ROBERT HARDWIDGE }	Engr.'s Office, Gold Coast Harbours, Seccondee, W. Africa.
1892 Apr. 5.	BEATTIE, GEORGE LENNOX ..	136 George Street, Edinburgh.
1898 Feb. 1.	{ *BEATTY, JOSEPH NICHOLSON, B.E. (Royal) }	Hartington, Waterloo Gardens, Belfast.
1908 Apr. 14.	*BEAUMONT, ARTHUR GREGORY	Edwen Valley Waterworks, Bolsterstone, Sheffield.
1903 Apr. 7.	{ *BEAUMONT, EUGENE GUY EUSTON }	22 Outer Temple, 222 Strand, W.C.
1913 Jan. 14.	{ *BEAUMONT, JOHN ROBERT, M.Eng. (Liverpool) }	13 Woodside, Wimbledon, S.W.
1887 Mar. 1.	*BEAUMONT, PERCY MUNRO ..	Maldon, Essex.
1906 Dec. 4.	*BEAUMONT, ROLAND HIRST ..	Council Offices, Torpoint, Cornwall.

Date of
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ASSOCIATE MEMBERS.

1907 Jan. 8.	{ *BEAZLEY, ARTHUR TETLEY, B.Sc. (Victoria), B.Eng. (Liverpool) }	Balfour, Guthrie & Co., 350 California Street, San Francisco, U.S.
1891 Jan. 13.	{ BECHER, CHARLES FREDERICK, B.A.I. (Dubl.) }	Bearsden, Camberley, Surrey.
1907 Dec. 3.	BECK, ERNEST GEORGE	70 Wellwood Rd., Goodmayes, Essex.
1893 May 16.	BECKETT, EDWARD HENRY	{ Sanctuary House, Tothill Street, Westminster, S.W.
1885 Dec. 1.	*BECKETT, WILLIAM MARROW	33 Brazenose Street, Manchester.
1890 Mar. 4.	{ *BECKH, HARRY OSCAR, M.A. (Cantab.) }	15 Palmerston Road, Dublin.
1872 May 7.	BECKINGSALE, EDGAR WILLIAM	{ 11 Western Elms Avenue, Reading, Berks.
1891 Feb. 3.	*BECKS, GEORGE ARTHUR	{ Kialame, Hill Road, Carshalton, Surrey.
iii 1886 May 4.	*BECKWITH, ARTHUR	Usk Paper Works, Crickhowell.
1910 Dec. 6.	BEECHY, WILLIAM	Sukkur, India.
1879 May 6.	*BEEHAN, JOSEPH SAMUEL	75 St. Mark's Road, Notting Hill, W
1910 Jan. 11.	BEER, JAMES	
1896 May 5.	BEKERN, CHARLES FREDERIC	Thos. Parker, Ltd., Wolverhampton.
1891 Mar. 3.	BELFIELD, REGINALD	65 Victoria Street, S.W.
1905 Dec. 5.	{ BELHOMME, RICHARD MICHEL, B.A.I. (Dubl.) }	City Engr.'s Office, Bangkok, Siam.
1907 Apr. 9.	BELL, DAVID QUINTIN	11 Westbourne Gardens, Glasgow.
1881 Dec. 6.	BELL, GEORGE	Boro' Surveyor's Office, Swansea.
1913 Mar. 11.	*BELL, GUY KENYON	{ 18 Westminster Chambers, 1 Cross- hall Street, Liverpool. (Littoral, Liverpool. Central 1397.)
1904 Apr. 12.	*BELL, HENRY COOKE	Town Surveyor, Bangor, co. Down.
1904 Dec. 6.	{ *BELL, JAMES MALCOLM, B.Sc. (Glas.) }	11 Westbourne Gardens, Glasgow.
1898 Dec. 6.	BELL, NORMAN MACLEOD	{ 83-85 Eagle Street, Brisbane, Queensland.
1886 May 18.	*BELL, ORIENT	59 William Street, Woolwich, S.E.
1907 Dec. 3.	BELL, ROBERT ARTHUR	{ Alefounder & King, 1908, Ltd., 20A Conewood Street, Highbury, N.
1899 Apr. 11.	*BELL, WALTER HENRY	{ 13 Uxbridge Road, Kingston-on- Thames.
1897 Dec. 7.	BELLANY, ALFRED ROWE	1 Welby Gardens, Grantham.
1907 Dec. 3.	*BELOE, WILFRID	{ 53 Croxteth Road, Sefton Park, Liverpool.
1908 Apr. 7.	BELSHER, BERNARD JAMES	{ 15 Great Alie Street, Stepney, E. (Avenue 4501.)
1880 Apr. 6.	BELTON, WILLIAM	{ Yewtree Lodge, The Mount, Shrews- bury.
1910 Dec. 6.	{ *BENDER, WILLIAM EDWARD GUSTAVE }	Khada, Kotibhar P.O., Gorokhpur, India.
1885 Dec. 1.	BENEST, EDWARD BENEST SHAW	{ Tijuca, Bodorgan Road, Bourne- mouth.
1884 Feb. 5.	*BENHAM, PERCY	
1903 Mar. 3.	*BENJAMIN, EDGAR LIONEL	{ Holborn Electrical Co., 190 Drury Lane, W.C.
1882 Apr. 4.	BENNATON, NEWTON	{ E. F. O. B., Cachoeira, São Paulo, Brazil.
1909 Dec. 7.	*BENNETT, DOUGLAS RAYMOND	L. & S.W. Ry., Eastleigh, Hants.
1900 Apr. 3.	BENNETT, EDWARD LEIGH	Kuala Lipis, Pahang, F.M.S.
1911 Apr. 4.	BENNETT, ERIC	{ Lloyd's Register of Shipping, 611 Highland Building, East Liberty, Pittsburg, Pa., U.S.A.
1910 Dec. 6.	{ *BENNETT, GEORGE ERNEST, M.Sc. (Manchester) }	Asst. Bridge Engr., G.I.P. Ry., Manmad, Bombay.

Date of Election.	ASSOCIATE MEMBERS.	
1892 Dec. 6.	*BENNETT, GERALD WINZAR ..	{ 94A Horseferry Road, Westminster, S.W.
1901 Apr. 2.	BENNETT, ROBERT FORBES ..	{ Engineer's Office, G. N. Ry., King's Cross, N.
1914 Apr. 7.	*BENNETT, SYDNEY CHRISTMAS	37 Steeles Road, Hampstead, N.W.
1912 Dec. 3.	{ *BENNETT-POWELL, PERCIVAL GORDON }	Normanhyrst, Harlesden, N.W.
1885 Dec. 1.	BEN-SAUDE, JOAQUIM	{ 4 Rua de Buenos Ayres, Lisbon, Portugal.
1886 Apr. 6.	*BENSON, DAVIS EDMONDSON ..	12 Irton Road, Southport.
✦	1887 Dec. 6. *BENSON, JOHN JAMES BOURNE	{ Executive Engineer, Ahmednagar, India.
1898 Apr. 5.	*BENSON, WILLIAM	{ Borough Engineer's Office, Salford, Manchester.
1907 Dec. 3.	BENT, JOSEPH	{ 6 St. George's Chambers, Cape Town.
1898 Apr. 5.	BENTLEY, JAMES HENRY ..	18 Osborne Road, Oldham.
1911 Dec. 5.	*BENTON, GERALD HUGH ..	{ Marine Survey Dept., Port of London Authority, Embankment, E.C.
T t ✦	1892 Jan. 12. BERG, SIGVARD JOHNSON	Nesslau, Switzerland.
1902 Dec. 2.	{ BERGIN, WILLIAM MARMA- DUKE, B.A., B.E. (Royal) .. }	{ Peking-Mukden Rys., Tientsin, N. China.
1894 May 22.	*BERINGER, OTTO LEOPOLD ..	{ Dr. Harley, Beedings, Pulborough, Sussex.
1909 Mar. 2.	BERRIDGE, THOMAS	24 Avenue Road, Leamington Spa.
1904 Dec. 6.	{ *BERRIE, WILLIAM CHALMERS KIRKBRIDE }	King, Hamilton & Co., Calcutta.
1896 Jan. 14.	{ *BERRY, ROBERT ALEXANDER JOHN }	Chesterhill, Newport, Fife.
1907 Dec. 3.	BERRY, WILLIAM EDGAR ..	{ Brit. Eng. Boiler and Elec. Insurance Co., Ltd., 12 King Street, Manchester.
1891 Dec. 1.	BERRY, WILLIAM WALTON ..	Bridgewater Trust, Walkden, Lancs.
1902 Dec. 2.	BERTHON, CLAUDE TINNE ..	49 Eastcheap, E.C.
1914 Feb. 3.	BERTINSHAW, GEORGE JAMES	{ District Engr.'s Office, Railways, Wellington, New Zealand.
1891 Apr. 7.	*BERTLIN, ANTHONY	{ Morgan House, Ealing Green, W.
1897 Feb. 2.	BERTLIN, PERCY WALTER ..	{ 4 Stafford Road, Ellesmere Park, Eccles.
1904 Dec. 6.	*BEST, ALFRED THOMAS	{ Res. Engr.'s Office, Albert Dock Extension Works, E.
1912 Dec. 3.	{ *BEST, ARTHUR STEPHEN MIDDLETON, B.Sc. (Engi- neering) (Lond.) }	{ Director's Office, P.W.D., Kuala Lumpur, F.M.S.
1908 Apr. 7.	*BEST, HAROLD STORR	{ Ambleside, Croydon Road, Beckenham.
1888 May 15.	BESWICK, WILLIAM HENRY ..	{ 18 Church Street, Lowther Street, Whitehaven.
1880 Dec. 7.	BETTS, EDWARD PETO	Hill House, Camberley, Surrey.
1905 Jan. 10.	*BEVAN, CORBY GARLAND ..	{ Louis P. Nott, Llwynon Reservoir Works, Cefn Coed, Merthyr Tydfil.
1912 Apr. 2.	*BEVAN, DONALD GEORGE ..	{ City Engr.'s Office, Council House, Birmingham.
1908 Dec. 1.	{ *BEVAN, GILBERT JOHN BECK- FORD }	{ Burma Rys. Co., Ltd., Rangoon, Burma.
1911 Dec. 5.	*BEVAN, JOB JAMES	{ Hunter Street, Briton Ferry, S. Wales.
1905 Apr. 4.	BEVAN, JOHN ELLIS	Rhoswen, Blackwood, Mon.
1897 Mar. 2.	*BEVAN, PHILIP JAMES	{ 12 Little College St., Westminster S.W.
1892 Jan. 12.	BEYNON, JOHN COWELL STARK	Box 1925, Johannesburg, Transvaal.

Date of
Election.

ASSOCIATE MEMBERS.

1886 May 18.	BHADA, NASARVANJI DORABJI	{ Stone Building, Grant Road Station, Bombay.
1894 May 1.	*BICKERSTETH, EDWARD CHARLES	Ashleigh, Crewe.
1897 Apr. 6.	{ *BICKERTON, WILLIAM HENRY, Jun., B.Sc. (<i>Victoria</i>) }	{ Engineer's Office, Northern Division, Midland Ry., Derby.
1905 Dec. 5.	BICKLEY, HENRY ROWLATT ..	{ Officina del Gaz, Sampierdarena, Italy.
1906 Feb. 6.	*BIDDER, MAURICE MCCLEAN ..	Airedale Foundry, Leeds.
1904 Jan. 12.	*BIDEN, FREDERICK ALAN ..	P.W.D., Hong Kong [<i>via</i> Siberia].
1908 Jan. 14.	*BIDEN, SODEN WILLIAM ..	The Old House, Hampton-on-Thames.
1902 Jan. 14.	{ *BIDWELL, LEONARD SHELFORD, B.A. (<i>Cantab.</i>) }	{ c/o Tippetta, 11 Maiden Lane, Queen Street, E.C.
1911 Dec. 5.	*BIGSBY, SYDNEY HERBERT ..	{ T. Cook & Son, P.O. Box 46, Bombay.
1892 Dec. 6.	*BILL, HERBERT EDWARD ..	St. Nicholas, Coventry.
1909 Apr. 6.	BILLINGTON, JOHN ROBERT ..	{ 32 Fall Birch Lane, Lostock, near Bolton.
1903 Feb. 3.	{ *BINDLOSS, EDWARD ALEX- ANDER MORGAN }	{ 42 Fountain Road, Edgbaston, Birmingham.
1888 Dec. 4.	BINET, EDWARD PHILIP ..	Box 102, Krugersdorp, Transvaal.
1896 Apr. 14.	BINNY, WILLIAM MURRAY ..	{ Manor Road, Teddington (Kingston P.O. 394).
1909 Dec. 7.	{ BIRCH, ALAN GRANT, B.A. (<i>Cantab.</i>) }	{ John Birch & Co., 2 London Wall Buildings, E.C.
1905 Jan. 10.	BIRCH, HUGH MASSY ..	{ Executive Engr., Mombasa, B.E. Africa.
1912 Mar. 5.	{ *BIRCH, JAMES RAGLAND, B.A. (<i>Cantab.</i>) }	{ Henry Simon, Ltd., 20 Mount Street, Manchester.
1910 Jan. 11.	BIRD, HAROLD HUGHES ..	{ G.C. Ry., Engr.'s Office, Marylebone Station, N.W.
1896 May 19.	*BIRD, SIDNEY JAMES ..	Central Prison, Pretoria, S. Africa.
1883 May 29.	*BIRD, WILLIAM HENRY ..	{ Engineer's Office, G. E. Ry., Liverpool Street, E.C.
1883 Apr. 3.	*BIRKETT, ROBERT	{ Bridge House, Gas Works, Bromley-by-Bow, E.
1900 Dec. 4.	{ *BIRKS, LAWRENCE, B.Sc. (<i>Adelaide</i>) }	{ P.W.D., Wellington, N.Z.
1894 May 1.	*BIRT, LASCELLES WILLIAM ..	P.W.D., Ladysmith, South Africa.
1890 Dec. 2.	*BIRT, RAYMOND JOHN ..	{ Irrigation Dept., Pretoria, Transvaal.
1914 Mar. 3.	{ *BISACRE, FREDERICK FRANCIS PERCIVAL, B.A. (<i>Cantab.</i>) .. }	{ Merz & McLellan, 32 Victoria Street, S.W.
1901 Apr. 2.	*BISHOP, CHARLES HERBERT ..	{ Geo. N. Dixon & Co., 89 Hanover Street, Liverpool.
1906 Apr. 3.	BISHOP, ERNEST GEORGE HAYDN	{ 25 Dunvegan Gardens, Eltham, S.E.
1908 Dec. 1.	BISHOP, PERCY ST. JOHN ..	{ District Engr.'s Office, Eastleigh Station, Hants.
1904 Jan. 12.	*BISHOP, WILFRID HOCART ..	St. Jacques, Guernsey.
1892 Dec. 6.	*BISS, CYRIL HOLM	{ District Engr., N.Z. Rys., Christchurch, N.Z.
1894 Feb. 6.	{ BLACK, GEORGE MACARTNEY CAMPBELL }	{ Endogram Tea Co., Ltd., Kumbhir P.O., Cuchar, India.
1903 Jan. 13.	{ BLACK, JOHN FREDERICK, B.Sc. (<i>Glas.</i>) }	{ John Black & Co., 105 West George Street, Glasgow.
1907 Apr. 9.	{ *BLACKADDER, WILLIAM, B.Sc. (<i>Edin.</i>) }	{ Glasgow & W. of Scot. Tech. Coll., Glasgow.
m 1901 Apr. 2.	{ *BLACKBURN, ALFRED BROWN ERNEST }	{ Water Co., 29 John Street, Sunderland.
1885 Apr. 14.	*BLACKBURN, CHARLES HENRY	Rawalpindi, India.
1883 Feb. 6.	*BLACKBURN, EDWARD HERBERT	{ Parliament Mansions, Victoria Street, S.W.

Date of Election.	ASSOCIATE MEMBERS.	
1902 Apr. 8.	BLACKBURN, GERALD RICKETT	{ Ellerslie, York Road, Heaton Chapel, Stockport.
1890 May 6.	BLACKBURN, JOHN	{ Colne Valley Waterworks, Bushey.
1913 Jan. 14.	*BLACKBURN, ROBERT	{ Balm Road, Leeds.
1909 Apr. 6.	*BLACKBURN, ROBERT HERBERT	{ 8 Fairbank Road, Manningham, Bradford.
1905 Mar. 7.	{ *BLACKLOCK, GEORGE HERBERT, } B.A. (<i>Cantab.</i>)	{ 16 Alfred Place West, S.W.
1883 Feb. 6.	*BLACKMORE, GEORGE FREDERICK	{ 30 Rylett Crescent, Ravenscourt Park, W.
1895 Dec. 3.	BLACKSHAW, WALTER	{ Argyle House, Rowley Park, Stafford.
† 1905 Apr. 4.	{ BLACKWALL, JOHN EATON, } B.A. (<i>Cantab.</i>)	{ Great Shelford, Cambridge.
1909 Apr. 6.	*BLACKWOOD, JAMES FULTON ..	{ Lower Ganges Bridge, Bahirchur P.O., Nadia District, Bengal.
1899 Mar. 7.	{ *BLAINE, FREDERICK HOWIE, } B.A. (<i>Cantab.</i>)	{ Oberhofen, Lake Thun, Switzerland.
1889 Jan. 8.	{ BLAINE, ROBERT GORDON, } M.E. (<i>Royal</i>)	{ Joint Technical Education Dept., Antrim, Ireland.
1904 Jan. 12.	BLAIR, GEORGE, B.Sc. (<i>Glas.</i>)	{ 18 Chapel Street, Liverpool.
1913 Apr. 1.	*BLAKE, EDMUND CHARLES ..	{ J. G. White & Co., Ltd., Casilla de Correo 1680, Buenos Aires.
1897 Apr. 6.	BLAKE, GEORGE ROBERTSON ..	{ 225 St. Vincent Street, Glasgow.
1908 Apr. 7.	BLAKELY, BERNARD WILLIAM	{ 32 March Street, Upper Brook Street, Manchester.
1904 Jan. 12.	*BLAKER, WILLIAM HERBERT ..	{ Harbour Engr.'s Office, Douglas, I. of M.
1881 Feb. 1.	{ BLAKESLEY, JOHN HOLMES, } M.A. (<i>Cantab.</i>)	{ 55 Victoria Street, S.W.
1913 Apr. 22.	BLANCHARD, JAMES FRANCIS ..	{ Dept. of Interior, Topographical Surveys Branch, Ottawa, Canada.
1910 Dec. 6.	BLAND, MAURICE GEORGE ..	{ 83 Wickham Road, Brockley, S.E.
1896 Apr. 14.	{ BLEAZBY, ROBERT, } B.A.I. (<i>Dubl.</i>)	{ Office of Chief Engineer for Existing Lines, Perth, W.A.
1903 Apr. 7.	BLENKINSOP, MARTIN ALFRED	{ 96 Frederick Road, Stechford, Birmingham.
1906 Dec. 4.	{ BLENNERHASSETT, RICHARD } FRANCIS PONSONBY	{ 52 Hans Place, S.W.
1893 Dec. 5.	BLEW, ANDERSON WEBB ..	{ 14 Walsingham Road, Hove, Sussex.
1912 Apr. 2.	*BLIZARD, JAMES MORTIMER ..	{ Town Hall, Colombo, Ceylon.
1887 May 24.	BLIZARD, JOHN HENRY	{ Lansdowne House, Southampton.
1910 Jan. 11.	{ *BLOMFIELD, EDWARD VALENTINE }	{ Madras & Southern Mahratta Ry., Royapuram, Madras, India.
1886 Jan. 12.	{ *BLOMFIELD, VALENTINE JOHN } STUART	{ Shire Chambers, Muswellbrook, N.S.W.
1884 May 27.	BLUM, ALEXANDER SAMUEL ..	{ Postfach, Galgocz, Hungary.
1897 Jan. 12.	BLUNDELL, JOHN CHRISTOPHER	{ G.W. Ry., Llangyfelach, Swansea.
1908 Dec. 1.	BLYTH, HERBERT	{ 54 Leopold Rd., St. Andrews, Bristol.
1889 Dec. 3.	BOBY, WILLIAM	{ Salisbury House, London Wall, E.C. (Buccula, London.)
1899 Feb. 7.	BODDIE, CHARLES LITTLEBOY	{ County Surveyor, Londonderry.
1893 Dec. 5.	BODE, HUBERT FRANCIS TORIANO	{ Ry. Construction Branch, P.W.D. Sydney, N.S.W.
1903 Apr. 7.	*BODEN, ARTHUR LIONEL ..	{ Elmhurst, Arden Road, Finchley, N
1882 Dec. 5.	BOGER, JOHN RICHARD ..	{ Lostwithiel, Cornwall.
1899 Dec. 5.	{ *BOISSIÈRE, HECTOR ELIE DE, } B.Sc. (<i>Edin.</i>)	{ Fishguard Harbour Construction Works Office, Goodwick, Pembrokeshire.
1905 Jan. 10.	{ BOLAM, WALTER NORMAN, } B.Sc. (<i>Edin.</i>)	{ 4 Edmiston Drive, Ibrox, Glasgow.
1909 Apr. 6.	BOLLAM, WILLIAM CHRIS ..	{ 52 Chalsey Road, Brockley, S.E.

Date of
Election.

ASSOCIATE MEMBERS.

T t ✚	1891 Dec. 1.	*BOLTON, REGINALD PELHAM ..	527 Fifth Avenue, New York, U.S.
	1914 Mar. 3.	*BOND, EDWARD HERRING ..	Shire Hall, Durham.
	1889 Dec. 3.	BOND, GEORGE CRESWELL ..	Aspley House, Nottingham.
	1905 Jan. 10.	*BOND, HERBERT IVO ..	3 Cambridge Gate, N.W.
	1891 Jan. 13.	BOND, HORACE SAMUEL ..	Midland Ry., Brecon.
m	1891 Mar. 3.	BOND, WALTER WILLIAM ..	{ Water-Supply Dept., Brisbane, Queensland.
	1911 Dec. 5.	*BONNER, ROBERT	{ Oban House, Kimuel Terrace, Pensarn, Abergele, N. Wales.
	1913 Apr. 22.	{ BONSEY, PERCY CHARLES HUDDART	{ Ceylon Government Ry., Railway Extensions' Office, Colombo.
	1908 Dec. 1.	*BONSOR, ARTHUR CHARLES ..	38 Belgrave Square, S.W.
	1903 Apr. 7.	*BONSTOW, THOMAS LACEY ..	{ S. Pearson & Son, Ltd., 47 Parlia- ment Street, S.W.
	1906 Mar. 6.	*BOOTH, ERNEST WITTON ..	{ Mellor Royd, Marple Bridge, Stock- port.
	1911 Mar. 7.	BOOTH, HARRIS, B.A. (<i>Cantab.</i>)	Air Department, Admiralty, S.W.
	1908 Dec. 1.	{ BOOTH, ROBERT CECIL, B.A.I. (<i>Dubl.</i>)	{ Victoria House, Dalkey, co. Dublin.
	1909 Apr. 20.	*BOOTHROYD, JOSEPH	Braemar, Rowley Street, Walsall.
	1910 Dec. 6.	BOSKER, WALTER LONSDALE ..	P.W.D., Kuala Lumpur, F.M.S.
	1893 Mar. 7.	*BOSMAN, WALTER	55 Club Arcade, Durban, Natal.
	1904 Dec. 6.	*BOSTOCK, JOHN EDWARD ..	{ Harbour Works, Freetown, Sierra Leone, W. Africa.
	1886 Dec. 7.	*BOTHAMS, ALFRED CHAMPNEY	32 Chipper Lane, Salisbury.
	1897 Mar. 2.	*BOTLEY, CHARLES FREDERIC ..	Guildables, Hastings.
	1896 Dec. 1.	BOTTERILL, CHARLES	{ St. Botolph's, Fulham Palace Road, S.W.
	1892 Dec. 6.	*BOTTLE, FRANK WALKER ..	35 Ouseley Road, Balham, S.W.
	1912 Dec. 3.	*BOUCHER, CYRIL LETT	Gurum, Semiling, <i>via</i> Penang, S.S.
T t ✚	1899 Dec. 5.	{ BOULDEN, FREDERICK, B.Sc. (Engineering) (<i>Lond.</i>), B.Eng. (<i>Sheffield</i>)	{ Faculty of Applied Science, Univer- sity, St. George's Square, Sheffield.
	1879 May 27.	BOULT, WILFRID SWANWICK ..	45 Myddelton Square, E.C.
	1904 Apr. 19.	*BOULTON, CHARLES VALENTINE	17 Wandale Road, Upper Tooting, S.W.
	1888 May 15.	BOURCHIER, EDWARD HERBERT	{ 13 Queen Anne's Gate, West- minster, S.W.
	1894 May 22.	BOURNE, CHARLES	{ Casa Nuova, Forest Hall, near New- castle-on-Tyne.
	1907 Dec. 3.	BOURNE, ERNEST SPENCER ..	60 Greenway Road, Runcorn.
	1884 Mar. 4.	*BOURNE, JAMES JOHNSTONE ..	57 Gracechurch Street, E.C.
	1908 Apr. 7.	BOURNE, JAMES MATTHEW ..	{ Dr. Bourne, Westcott, Ladbroke Road, Redhill, Surrey.
	1877 Dec. 4.	BOURNE, ROBERT WILLIAM ..	Manor House, Bishopstoke.
	1900 Dec. 4.	{ *BOVEY, EDWARD PALK, Jun., B.A.Sc. (<i>McGill</i>)	{ Tolcarne, Museum Road, Torquay.
	1909 Jan. 12.	BOWACK, HARRY HAMILTON ..	Richardson and Cruddas, Bombay.
	1893 Jun. 10.	BOWDEN, FREDERICK WILLIAM	{ City Engr.'s Office, Municipal Bldgs., Liverpool.
	1911 Apr. 4.	BOWEN, EDWARD BEDDOE ..	P.W.D., Colombo, Ceylon.
	1906 Apr. 3.	*BOWEN, HENRY FARRE	H.M. Dockyard, Rosyth, N.B.
	1881 Apr. 5.	BOWEN, JOHN	Borough Engineer, Reading.
	1912 Dec. 3.	{ *BOWEN, JOHN POLAND, B.Sc. (Engineering) (<i>Lond.</i>)	{ Superintending Civil Engr.'s Office H.M. Dockyard, Chatham.
	1900 Dec. 4.	{ *BOWEN, MERVYN WILLIAM COLE, B.A.I. (<i>Dubl.</i>)	{ Government Railway Extension, Colombo, Ceylon.
	1890 Dec. 2.	BOWEN-JONES, WILLIAM THOMAS	Bronala, Carnarvon.
	1910 Apr. 5.	BOWER, CLIFFORD OAKES ..	{ Buchanan, Jones & Co., Antofa- gasta, Chile.
	1899 Mar. 7.	*BOWER, THOMAS BOWYER ..	{ Ashanti Rivers and Concessions, Ltd., Dunkwa, Gold Coast Colony (<i>via</i> Secondee).

Date of Election.		ASSOCIATE MEMBERS.	
1904 Jan. 12.	BOWER, WILLIAM NELSON ..	{	Corn Exchange Buildings, Manchester.
1910 Jan. 11.	{ *BOWERS, LEOPOLD JOHN GEORGE }	{	Port of London Authority, Chief Engr.'s Office, 109 Leadenhall Street, E.C.
1905 Jan. 10.	*BOWERS, PERCY LLOYD	{	c/o. H. S. King & Co., 9 Pall Mall, S.W.
+ 1891 Dec. 1.	BOWES, ARTHUR	{	Town Hall, Earlestown, Lancs.
1898 Mar. 1.	BOWKER, ARTHUR FRANK ..	{	Whitehill, Wrotham, Kent.
1908 Feb. 4.	*BOWLER, FREDERICK THOMAS	{	Engr.'s Office, G.W. Ry., Reading.
1893 Mar. 7.	BOWLES, AUGUSTUS ROBERT ..	{	130 Sandgate Road, Folkestone.
1894 May 1.	*BOWMAN, ERNEST JOHN VIVIAN	{	Chart House, Great Chart, Kent.
1900 Dec. 4.	BOWMAN, JOHN	{	Municipal Tramways Trust, Elec. Engr.'s Office, 8 King William St., Adelaide, S. Australia.
1908 Apr. 7.	BOWMAN, JOHN	{	Works Department, Water Office, Edinburgh.
1910 Jan. 11.	BOWMER, MATTHEW NOËL ..	{	1 Lilburn Gardens, South Gosforth, Newcastle-on-Tyne.
1906 Dec. 4.	*BOWNESS, JAMES LORD	{	Town Hall, Bolton.
1903 Apr. 7.	{ *BOYAJIAN, HENRY SAMUEL ROGERS }	{	33 Marlborough Hill, St. John's Wood, N.W.
+ 1907 Dec. 3.	{ *BOYCOTT, GEORGE WALTER MORGAN }	{	Mecheche, Alta., Canada.
1896 Apr. 14.	BOYD, ANDREW, B.E. (Royal)	{	7 Frederick St., Roslyn, Dunedin, N.Z.
B 1906 Dec. 4.	{ *BOYD, FIELDING CHARLES ROBERT HATLEY }	{	Matarieh, Cairo, Egypt.
1899 Apr. 11.	BOYD, JOHN CAMPBELL ..	{	18 Bank Street, Carlisle.
1907 Jan. 8.	{ *BOYD, ROBERT JAMES, M.E. (Sydney) }	{	Greenstead, Park Road, Burwood, N.S.W.
1902 Jan. 14.	{ *BOYLE, EDWARD SEYMOUR SKINNER }	{	73 Foyle Road, Blackheath, S.E.
1910 Jan. 11.	*BOYLE, ROBERT, B.Sc. (Glas.)	{	Engr.'s Office, Commissioners for Port of Calcutta, Calcutta, India.
1898 Feb. 1.	BRACKEN, THOMAS WILSON ..	{	40 Grey Street, Newcastle-on-Tyne.
1898 Apr. 5.	{ *BRACKENBURY, CHARLES ERNEST }	{	4 Elm Court, Temple, E.C.
1906 Dec. 4.	BRADBURY, CHARLES BECKETT	{	Calle 25 de Mayo 81, Buenos Aires.
1907 Mar. 5.	{ *BRADFORD, JOHN HOWARD PENNY }	{	Ashfield, Martock, Somerset.
1914 Apr. 21.	BRADFORTH, BENJAMIN VERNON	{	63 Melrose Avenue, Norbury, S.W.
R m 1911 Dec. 5.	*BRADLEY, CHARLES HENRY ..	{	District Engr., P.W.D., Kandy, Ceylon.
1906 Apr. 3.	BRADSHAW, ARTHUR STANLEY	{	P.W.D., Sierra Leone, W. Africa.
1895 Dec. 3.	{ *BRADSHAW, JOHN BARKER, Captain, Staff for R.E. Services }	{	103 Dorchester Road, Weymouth.
1892 May 24.	*BRADY, CHARLES ROBERT ..	{	13 Warren Street, Stockport.
1888 Mar. 6.	{ BRAGA, ANTONIO LUSTOZA PEREIRA }	{	P.O. Box 642, Rio de Janeiro.
1900 Dec. 4.	*BRAID, GEORGE GLADMAN ..	{	138 Cambridge Drive, Kelvinside, Glasgow.
1909 Dec. 7.	BRAIN, HENRY ALFRED	{	H.M. Naval Depôt, Portland.
C + 1903 Apr. 7.	{ BRAINE, CHARLES DIMOND HORATIO }	{	Irrigation Dept., Bloemfontein, O.R.C.
1884 Dec. 2.	BRAMAH, EDWARD HENRY ..	{	Clonsceen, Bridge of Weir, N.B.
1883 Dec. 4.	BRAMHAM, WILLIAM	{	Bank Chambers, 300 Mare Street Hackney, N.E.
1910 Dec. 6.	*BRAND, WILLIAM DEANE ..	{	17 North Side, Clapham Common, S.W.
1909 Jan. 12.	*BRANDON, CYRIL	{	Dunottar, Middleton Crescent, Leeds.
1894 Dec. 4.	BRANDRAM, ANDREW GEORGE	{	13 Andover Road, Southsea.

Date of
Election.

ASSOCIATE MEMBERS.

1897 Apr. 6.	BRANFILL, BENJAMIN	
1910 Mar. 1.	*BRANSTON, ERNEST RICHARD ..	Kassala, E. Sudan.
1908 Apr. 7.	BRAY, FRED MOSS	{ Tata Hydro-Electric Scheme, Navsari Buildings, Bombay, India.
1910 Apr. 5.	BRAYSHAY, ALFRED WILLIAM	{ Grinton Lodge, Bishopton Lane, Stockton-on-Tees.
1912 Jan. 9.	{ BRAYSHAY, MAURICE WILLIAM, M.Sc. (<i>Leeds</i>)	{ Lower Ganges Bridge, Paksey, P.O., nr. Sara, E. Bengal State Railway, India.
1894 Dec. 4.	*BRAZIL, JOSEPH PETER	Vulcan Works, Avonside, Bristol.
1909 Apr. 6.	BREACH, LEONARD	{ Easdale, Bankfield Road, West Derby, Liverpool.
1894 Dec. 4.	*BREARLEY, FREDERICK THOMAS	Brook Road, Lymm, Cheshire.
1904 Jan. 12.	{ *BREARLEY, JOSEPH HENRY DRAAPER, B.E. (<i>Sydney</i>) ..	{ Noyes Bros., 17 Queen Street, Melbourne.
1880 Feb. 3.	*BREBNER, ROBERT CHARLES ..	9 South St. Andrew St., Edinburgh
1890 Mar. 4.	*BREMNER, ALEXANDER	
1895 Dec. 3.	{ *BREMNER-DAVIS, WILLIAM JOSEPH	{ 4 Drummond Road, Bournemouth.
1888 Dec. 4.	*BRENCHLEY, JOHN VAUGHAN	Glaneirw, Cardigan.
1911 Jan. 10.	BRENNAN, JOSEPH FREDERICK	Kingston, Jamaica.
1914 Apr. 7.	BRETT, CHARLES GEORGE ..	{ Sherborne Lodge, Murray Road, Wimbledon Common, S.W.
1901 Dec. 3.	{ *BREWER, ROBERT WELLESLEY ANTONY	{ 199 Piccadilly, W. (Planivolos, London. Regent 158.)
1879 Feb. 4.	*BRICE, EDWARD ERNEST ..	{ The Standish Flat, 258 Elgin Street, Ottawa, Canada.
1886 Mar. 2.	*BRICKNELL, FREDERICK WILLIAM	City Engineer's Office, Hull.
1914 Feb. 3.	BRIDGES, GEORGE ARTHUR ..	{ Atlas Chambers, Beswick Street, Timaru, New Zealand.
1897 Jan. 12.	BRIERLEY, BRANDON TALFOURD	Linthwaite, Delph, Oldham.
1908 Dec. 1.	*BRIERLEY, JAMES	Town Hall, Sheffield.
1894 Dec. 4.	BRIERLEY, JOHN HENRY ..	{ Boro' Surveyor's Office, Richmond, S.W.
1909 Apr. 6.	*BRIETZKE, EDMUND HENRY ..	{ 94 & 98 Stanley Street, Montreal, Canada.
† 1877 Apr. 10.	BRIFFAULT, FREDERIC	6 Cathcart Road, Kensington, S.W.
1884 Dec. 2.	BRIDGEN, JAMES	187 Western Road, Brighton.
1906 Dec. 4.	BRIGGS, ERNEST REYNOLDS ..	{ Willans & Robinson, Ltd., Victoria Works, Rugby.
1913 Dec. 2.	BRIGGS, ROBERT CHAPMAN ..	King, King and Co., Bombay.
1904 Feb. 2.	*BRIGHTON, FREDERICK GRANT	{ Engr.'s Office, Admiralty Harbour Works, Dover.
1900 Dec. 4.	{ *BRINDLEY, HARRY SAMUEL BICKERTON	{ 57 Overstrand Mansions, Battersea Park, S.W.
1907 Dec. 3.	*BRISTOW, ALFRED HENRY ..	{ Mrs. Bristow, The Black Horse, Uxbridge.
1897 Jan. 12.	{ *BRISTOW, CHARLES THEODORE LYTTELTON	{ 14 St. Mary's Street, Bedford.
1912 Dec. 3.	*BRITTON, NOEL EDWARD ..	Courtlands, Robin Hood, Chatham.
1904 Jan. 12.	{ *BROADBENT, FRANCIS JAMES, B.Sc. (Engineering) (<i>Lond.</i>)	{ Faculty of Engineering, The University, Bristol.
1901 Dec. 3.	*BROADBRIDGE, WALTER	62 London Wall, E.C.
1911 Apr. 4.	BROADHEAD, JAMES	Manfaclog, Anglesey.
1913 Jan. 14.	{ *BROADHEAD, SYDNEY WILLIAM VODDON	{ 8 Weymouth Street, Chorlton-on-Medlock, Manchester.
1902 Apr. 8.	{ *BRODHURST, HUGH, M.A. (<i>Cantab.</i>)	
1905 Apr. 4.	*BRODIE, BASIL HEATH	7 Ledbury Road, South Croydon.
1899 Dec. 5.	*BROMAGE, EDWIN ELLIOTT ..	{ Port of London Authority (River Division), Victoria Embankment, E.C.

Date of Election.	ASSOCIATE MEMBERS.	
1904 Dec. 6.	BROMLY, ALAN	Borough Surveyor, Godalming. P.W.D., Cairo.
1907 Dec. 3.	*BROOKE, GEORGE TOWNSHEND	{ 84 King Street East, Toronto, Canada.
1884 Jan. 8.	BROOKE, WALTER	{ New Works Engr.'s Office, G.W. Ry., Paddington, W.
1904 Apr. 12.	BROOKES, ALBERT MATTHEW ..	Goldsmiths, Langdon Hills, Essex.
1914 Apr. 21.	*BROOKS, NORMAN EDMUND ..	{ British Insulated & Helsby Cables, Ltd., 493/5 Collins Street, Mel- bourne, Australia.
1907 Apr. 9.	*BROOM, TALBOT COTTOM ..	{ Craven Bank Chambers, North Street, Keighley.
1897 Feb. 2.	BROSTER, ROBERT BUCK	{ 46 rue Vanderstichelen, Brussels, Belgium.
1889 May 21.	*BROUGH, JOHN WATKINS ..	{ 37 Park Street, Grosvenor Square, W
m 1883 May 1.	*BROUGHTON, URBAN HANLON ..	{ The Hawthorns, Grove Park, Chis- wick, W.
1910 Jan. 11.	BROUNGER, ARTHUR ERNEST	{ The Hawthorns, Grove Park, Chis- wick, W.
1905 Mar. 7.	{ *BROUNGER, WILLIAM HENRY PRESCOTT	{ 118 Cannon Street, E.C. (Browpost, London. City 4414.)
1894 May 1.	BROWN, ANDREW	{ Canadian Government Rys., Hali- fax Ocean Terminals, 137 Pleasant Street, Halifax, Nova Scotia.
1914 Jan. 13.	*BROWN, ARTHUR CHARLES ..	{ Burton Buildings, Parliament Street, Nottingham.
1910 Jan. 11.	*BROWN, ARTHUR GOODWIN ..	{ Capel House, 54/62 New Broad St., E.C. (Embedded, London. Lon- don Wall 3418.)
1890 Apr. 1.	*BROWN, ARTHUR RICHARD ..	{ Engineer and Surveyor, Edmonton, Middlesex.
1901 Dec. 3.	BROWN, CUTHBERT	{ Res. Engr.'s Office, Port Said Drain- age, Egypt.
1905 Dec. 5.	*BROWN, CUTHBERT CHALMERS	{ 16 Bigby Street, Brigg, Lincs.
1887 Mar. 1.	BROWN, EDWARD JOHNSON ..	{ 46 Gladstone Park Gardens, Crickle- wood, N.W.
1908 Apr. 7.	BROWN, FRANK WAYMAN ..	{ District Engr.'s Office, L.B. & S.C. Ry., Brighton.
1883 Dec. 4.	*BROWN, FREDERICK BENJAMIN	{ Mengkibol Estate, Kluang, Johore, F.M.S.
1911 Dec. 5.	{ *BROWN, GEORGE MACCURREACH, B.Sc. (St. Andrews)	{ Boro' Engr.'s Office, Guildhall, Northampton.
1910 Apr. 5.	{ BROWN, HARRY BERTRAM EDWIN	{ 101 Blenheim Gardens, Wallington, Surrey.
1911 Dec. 5.	BROWN, HERBERT LEONARD ..	{ 79 Croft Terrace, Jarrow-on-Tyne.
1910 Dec. 6.	BROWN, JAMES, JUN.	{ 19 Wellington Street, Glasgow.
1905 Dec. 5.	*BROWN, JOHN, B.Sc. (Glas.) ..	{ Engr.'s Office, N.E. Ry., New- castle-on-Tyne.
1913 Feb. 4.	*BROWN, KENNETH	{ 16 Bisham Gardens, Highgate, N.
1895 May 21.	{ BROWN, MATTHEW TAYLOR, B.Sc. (Glas.)	{ 703 London Building, 626 Pender Street West, Vancouver, B.C.
1907 Dec. 3.	BROWN, PHILIP PIGGOTT ..	{ S.E. & C. Ry. Engr.'s Office, London Bridge, S.E.
1906 Apr. 3.	BROWN, ROBERT	{ Welland Ship Canal, St. Catharines, Ontario.
1910 Jan. 11.	*BROWN, ROBERT DUNLOP ..	{ 14 Sellons Avenue, Harlesden, N.W.
1914 Jan. 13.	*BROWN, THOMAS ARTHUR ..	{ 84 Palatine Road, West Didsbury, Manchester.
1910 Feb. 1.	*BROWN, THOMAS STANLEY ..	{ 24 Martin's Lane, Cannon Street, E.C.
1905 Dec. 5.	BROWN, WILLIAM ANTHONY ..	{ 24 Martin's Lane, Cannon Street, E.C.
1913 Dec. 2.	{ *BROWN, WILLIAM HENRY, B.Sc. (Engineering) (Lond.)	{ Glaslyn, Western Road, Sutton.

Date of Election.	ASSOCIATE MEMBERS.	
1913 Apr. 22.	BROWN, WILLIAM ROCHESTER	67 Osborne Rd., Newcastle-on-Tyne.
1903 Feb. 3.	{ *BROWNE, BENJAMIN CHAPMAN, Jun.	Fawdon House, Gosforth, Newcastle-on-Tyne.
1911 Dec. 5.	BROWNE, BERNARD FREDERICK	{ City of Santos Improvements Co., Santos, Brazil.
1895 May 21.	*BROWNE, GERARD MACLEAY ..	Worcester House, Walbrook, E.C.
1889 Apr. 2.	BROWNE, JOHN	Galdames Ry., Portugalete, Spain.
1889 Dec. 3.	BROWNING, ROBERT ALEXANDER	Gasworks, Neath.
1908 Apr. 7.	BRUCE, CHARLES WILLIAM ..	{ Res. Engr., R.K. Ry., Bareilly U.P., India.
1892 Feb. 2.	BRUCE, HENRY	67 Crossgate, Cupar, Fife, N.B.
in ✱ 1904 Jan. 12.	*BRUCE, ROBERT	{ Room 17, 709 Dunsmuir Street, Vancouver, B.C.
1895 May 21.	BRUCE, ROBERT ARTHUR ..	{ 47 Clarendon Road, Redland Green, Bristol.
1888 Apr. 10.	{ *BRUCE, ROBERT NIGEL DALRYMPLE, Major, late W. Riding Regiment	60 Fellows Road, Hampstead, N.W.
✱ 1884 Mar. 4.	*BRUGES, CHARLES ERNEST ..	1 Victoria Street, S.W.
1911 Dec. 5.	{ BRUGES, FRANK HENRY, B.Sc. (Glas.)	13 Elmbank Drive, Kilmarnock.
1889 Apr. 2.	BRUNDRETT, ALEXANDER ..	44 Plasturton Gardens, Cardiff.
1904 Dec. 6.	BRUNT, FRANK HOYLE	{ Waterworks Office, Lord Street, Rochdale.
1886 May 4.	BRUNTON, PHILIP GEORGE ..	{ Asst. Engr., Dept. of Public Works, Sydney, N.S.W.
1908 Feb. 4.	BRYSON, WILLIAM, B.Sc. (Glas.)	8 Russell Road, Crouch End, N.
1894 Dec. 4.	*BUCHAN, JAMES	{ Maintenance Engr., Beira and Mashonaland and Rhodesia Rys., Bulawayo, S. Africa.
1912 Jan. 9.	{ BUCHANAN, GEORGE ALEX-ANDER	c.o. Chief Engineer, Nigerian Ry., Lagos, West Africa.
1899 Dec. 5.	BUCHANAN, JOHN HUGH ..	68 Netherby Rd., Trinity, Edinburgh.
1908 Dec. 1.	BUCK, EDWARD CLARKE ..	{ Director of Public Works, Georgetown, Demerara, British Guiana.
1903 Apr. 7.	*BUCKLEY, ARTHUR BURTON, Jun.	Mendi, nr. Cairo, Egypt.
1900 Dec. 4.	BUCKLEY, HERBERT EDWIN ..	4 Charles Street, Bradford.
1897 Jan. 12.	BUCKLEY, MICHAEL JAMES ..	Iona Drive, Dublin.
1909 Dec. 7.	{ BUCKTON, ERNEST JAMES, B.Sc. (Engineering) (Lond.)	{ Port of London Authority, Chief Engr.'s Office, 109 Leadenhall Street, E.C.
1913 Apr. 22.	BUDD, SAMUEL WALTER	{ 46 Nottingham Road, Spondon, Derby.
1913 Apr. 22.	*BUDDEN, GARETH WALTON ..	{ 26 Netherhall Gardens, Hampstead, N.W.
1910 Apr. 5.	BUDGETT, WALTER HENRY ..	Town Hall, Wood Green, N.
1890 Feb. 4.	BUDHBIATTI, KESHAVJI SHAMJI	P.W.D., Bhuj, Cutch, India.
1896 Dec. 1.	*BULFIN, IGNATIUS, B.A. (Royal)	{ Boro' Electrical Engineer, Southcote Road, Bournemouth.
1910 Dec. 6.	*BULL, EDWIN MASSEY	Council Offices, Finchley, N.
1910 Dec. 6.	{ BULLEID, CHARLES HENRY, M.A. (Cantab.)	University College, Nottingham.
1904 Dec. 6.	*BULLIVANT, FRANK	Council Offices, Springhead, Oldham.
1911 Dec. 5.	{ BULLMORE, ALFRED WILLIAM ERNEST	First Garden City, Ltd., Letchworth, Herts.
1885 Dec. 1.	BULLOCK, CYRUS	67 King Street, Manchester.
1906 Dec. 4.	*BULLOCK, FRANK HARRISON ..	67 King Street, Manchester.
1909 Apr. 6.	BULLOUGH, ALAN WINGFIELD	Electricity Works, Glossop.
1910 Jan. 11.	BULLOUGH, JAMES STEUART ..	Town Hall, Preston.
1885 May 19.	BULLOUGH, ROBERT CROSSLEY	Corporation Tramways, Colchester.
1890 Dec. 2.	BULLOUGH, THOMAS ALLEN ..	Parkside, Appleton, Widnes.
1897 Apr. 6.	BULMAN, HARRISON FRANCIS ..	{ Barends Close, Burnopfield, co. Durham.

Date of Election.	ASSOCIATE MEMBERS.	
1891 Dec. 1.	*BULTEEL, HILLERSDEN ..	Naval Bank, Plymouth.
1908 Dec. 1.	{ BUNTING, SHELDON ARTHUR STEWART, B.A. (<i>Cantab.</i>), B.Sc. (<i>Lond.</i>) }	Eastern Jumna Canal, Saharunpur, U.P., India.
1891 Apr. 7.	{ BURDEN, ALEXANDER MITCHELL, B.E. (<i>Royal</i>) }	County Surveyor, Kilkenny.
1874 Jan. 13.	*BURDER, WALTER CHAPMAN ..	Horticultural Works, Loughborough.
1903 Apr. 7.	BURDON, HARRY	Glenord, Lasswade, N.B. [S.W.]
1896 Jan. 14.	BURDON, JOHN	70 Drakefield Rd., Upper Tooting,
1904 Feb. 2.	*BURFORD, ALFRED WILLIAM ..	94 Minard Road, Hither Green, Catford, S.E.
1904 Apr. 12.	*BURGE, HENRY ORMSBY	Crompton & Co., Chelmsford.
1892 Apr. 5.	*BURGESS, ARTHUR JOHN	13 Woodstock Avenue, Redland, Bristol.
1898 Mar. 1.	{ BURKITT, JAMES PARSONS, B.E. (<i>Royal</i>) }	County Surveyor, Enniskillen, Ireland.
1888 Dec. 4.	BURMAN, ERNEST SYDNEY ..	Randwick, Booran Road, Caulfield, Melbourne, Victoria.
1905 Jan. 10.	{ *BURMAN, JOHN HAROLD M.Sc. (<i>Victoria</i>) }	L. & Y. Ry., Office of Supt. of Line, Victoria Station, Manchester.
1908 Dec. 1.	{ *BURN, HERBERT SOUTHERDEN, B.A. (<i>Cantab.</i>) }	Thos. Firth and Sons, Norfolk Works, Sheffield.
1904 Apr. 12.	*BURN, WALTER	Council Offices, Sutton-in-Ashfield.
1911 Jan. 10.	{ BURNAND, GEOFFREY CHASE- MORE, B.A. (<i>Cantab.</i>) }	F.C.E.R., Parana, Argentina.
1895 Dec. 3.	*BURNE, EDWARD LANCASTER	14 Victoria Street, Westminster, S.W.
1913 Jan. 14.	{ *BURNELL, JOHN GURNER, B.Sc. (<i>Sydney</i>) }	State Rivers and Water Supply Commission, Victoria.
1894 Mar. 6.	*BURNETT, CUTHBERT MILLER	24 Portland Street, Southampton.
1913 Apr. 1.	*BURNETT, PERCY CLEMENT ..	Main Camp, Cloncurry-Mt. Cuthbert Ry., Cloncurry, North Queensland.
1912 Dec. 3.	*BURNS, FREDERICK JOHNSTON	Chief Engr.'s Office, G.I.P. Ry., Victoria Terminus, Bombay.
1910 Dec. 6.	BURNSIDE, WILLIAM	125 Onslow Drive, Dennistoun, Glasgow.
1904 Jan. 12.	{ *BURRELL, JAMES THOMAS HAROLD RICHARD HUGH LEDICOTTE }	55 Pope's Avenue, Twickenham.
1886 Apr. 6.	*BURRELL, LEONARD	Melrose, Duncan Street, Eastbrook, Wanganui, N.Z. [Cross, N.]
1906 Dec. 4.	BURRIDGE, ARTHUR	G.N. Ry., Engr.'s Office, King's
1895 Dec. 3.	*BURROUGH, EDWARD SAVILLE	Eanswythe, Thornton Heath.
1895 May 21.	BURROWS, EDMUND	Swellendam, Cape Colony.
1883 May 29.	{ *BURT, Sir HENRY PARSALL, K.C.I.E. }	Belvedere, Simla, India.
1909 Dec. 7.	{ BURT, THOMAS ROSS, B.Sc. (<i>New Zealand</i>) }	87 Cargill Street, Dunedin, N.Z.
1896 Dec. 1.	*BURTON, AMOS	Borough Engineer, Stoke-on-Trent.
1885 Dec. 1.	*BURTON, GEORGE LEWIS ..	19 Castle Street, Liverpool.
1908 Mar. 3.	*BURTON, WILLIAM ARTHUR ..	Thos. Firth and Sons, Norfolk Works, Sheffield.
1906 Apr. 3.	{ BURTON, WILLIAM ERNEST HADFIELD }	13 Berlin Street, St. John's, Wake- field.
1906 Dec. 4.	*BURTON, WILLIAM MAINWARING	Constitutional Club, Northumber- land Avenue, W.C.
t 1894 Mar. 6.	BUSCARLET, FRANCIS CHARLES	35 Eslington Terrace, Jesmond, Newcastle-on-Tyne.
1914 Apr. 7.	{ *BUSFIELD, JAMES LEONARD, B.Sc. (<i>Engineering</i>) (<i>Lond.</i>) }	Mackenzie, Mann & Co., Ltd., 411 Dorchester Street West, Montreal, Canada.
1913 Dec. 2.	BUSH, ARCHIBALD GEORGE ..	Exec. Engr., P. W. D., Nairobi, British East Africa.

Date of Election.	ASSOCIATE MEMBERS.	
1908 Feb. 4.	{ BUSH, HERBERT HENRY, M.Sc. (<i>Victoria</i>) }	{ Robey & Co. (South Africa), Ltd., Box 169, Johannesburg, Transvaal.
1895 Feb. 5.	{ BUSHE, ROBERT JOHN SCOTT }	P.W.D., Georgetown, British Guiana.
1900 Feb. 6.	{ *BUSHELL, CHARLES LESTOUR- GEON }	Rev. W. D. Bushell, The Hermitage, Harrow.
1881 May 31.	{ BUSK, CHARLES WESTLY, M.A. (<i>Contab.</i>) }	{ Kokanee Creek, Nelson, British Columbia.
1912 Jan. 9.	{ *BUTCHART, HARRY GRAHAME }	Elliscales, Dalton-in-Furness.
1896 Dec. 1.	{ BUTCHER, ARTHUR HOLT }	9 Trinity Gardens, Folkestone.
† † 1895 Feb. 5.	{ BUTLER, DAVID BUTLER }	41 Old Queen St., Westminster, S.W.
1884 Feb. 5.	{ BUTLER, JAMES }	{ P.O. Box 6529, Johannesburg, Transvaal.
1911 Dec. 5.	{ BUTLER, JOSEPH }	Creseent, Holywood, co. Down.
1905 Dec. 5.	{ *BUTLER, JOSEPH FAWKNER }	{ 6 Fauconberg Mansions, Sutton Court, Chiswick, W.
1906 Dec. 4.	{ BUTLER, JOSEPH PERCIVAL JARVIS }	{ c.o. 26 Craven Park, Willesden, N.W.
1910 Apr. 19.	{ *BUTLER, RALPH WILLIAM }	{ c.o. Road Board, Queen Anne's Chambers, Broadway, Westmin- ster, S.W.
1910 Mar. 1.	{ *BUTLER, THEOBALD STUART }	{ Central Office, Royal Siamese State Rys., Southern Line, Bangkok, Siam.
1904 Apr. 12.	{ BUTLIN, WILLIAM TRENTHAM SYMONS }	{ Block 4, Admiralty, S.W.
1905 Apr. 4.	{ *BUTTERFIELD, HERBERT MITCHELL }	{ Public Works Dept., Alor Star, Kedah, Malay Peninsula.
m † 1899 Feb. 7.	{ *BUTTERWORTH, ARTHUR SHAW }	{ Municipal Engineer, Port Elizabeth, C.C.
1907 Dec. 3.	{ BUTTON, FRED ERNEST }	{ City Surveyor's Office, Town Hall, Manchester.
1911 Feb. 7.	{ *BYRD, HUGH LINLEY, B.Eng. (<i>Liverpool</i>) }	{ 3 School Grove, Withington, Manchester.
1902 Dec. 2.	{ *BYRDE, EDWIN AUGUSTUS }	{ Grindlay, Groom & Co., Bombay.
1889 Dec. 3.	{ BYRES, DAVID THOMSON }	{ 104 Hamilton Place, Aberdeen.
1913 Dec. 2.	{ *BYRNES, WILLIAM FRANCIS }	{ Pauri, Garhwal, U.P., India.
1904 Apr. 19.	{ *BYWATER, FREDERICK JONATHAN }	{ Colonnade House, Blackheath, S.E.
1904 Dec. 6.	{ *BYWATERS, STANLEY HAYDON }	{ The Meads, Alexandra Road, Watford.
1905 Apr. 4.	{ CABENA, RICHARD HANSON }	{ 120 Sydenham Road N., Croydon.
1877 Dec. 4.	{ CABEZAS, ADOLFO GARCIA }	{ Matagorda Graving Dock, Cadiz.
1907 Feb. 5.	{ *CABLE, FREDERICK WILLIAM }	{ City Hall, Charing Cross Road, W.C.
1889 Jan. 8.	{ CABLE, HENRY DARLINGTON }	{ 7 St. Aubyns Road, Portslade, Brighton, Sussex.
† 1892 Dec. 6.	{ *CACCIA, JULIAN EDWARD }	{ 24 Via Gino Capponi, Florence.
1894 Jan. 9.	{ CAINK, THOMAS }	{ Guildhall, Worcester.
1896 Dec. 1.	{ CAIRN-HODGE, ARTHUR }	{ Jas. Floyd, St. Austell, Cornwall.
1912 Jan. 9.	{ CAIRNS, JAMES }	{ East Indian Railway, Howrah, India.
1908 Mar. 3.	{ CALISCH, LIONEL }	{ 41 Warwick Road, Earl's Court, S.W.
1886 Dec. 7.	{ CALLEN, THOMAS }	{ Boro' Engr.'s Office, Kimberley. N.E. Ry., Dock Engr.'s Office, West Hartlepool.
1902 Dec. 2.	{ CALVERT, ERNEST ALDERSON }	{ Stanley Ward Conservative Club, King's Road, Chelsea, S.W.
1894 Dec. 4.	{ *CALVERT, THOMAS COPLEY }	{ Maybank, Manly, N.S.W.

Date of Election.	ASSOCIATE MEMBERS.	
1899 Feb. 7.	{ *CAMERON, ARCHIBALD PRES- TON, B.A. (<i>Cantab.</i>) }	J. Simpson & Co., Ltd., 10 Clive Street, Calcutta.
1901 Apr. 2.	*CAMERON, ARTHUR	{ Engr.'s Office, N.E. Ry., Bishop Auckland.
1885 Apr. 14.	CAMERON, JAMES	{ Wellbrae Park House, Strathaven, Lanarkshire.
1893 Dec. 5.	CAMERON, JOHN MINDORO ..	{ Nyrang Estate, Wellington, New South Wales.
1909 Apr. 6.	{ CAMERON, WILLIAM SPOTTIS- WOODE }	City Engr.'s Office, Leeds.
1905 Dec. 5.	*CAMPBELL, COLIN STUART ..	Burma Rys. Co., Rangoon, Burma.
1913 Dec. 2.	{ CAMPBELL, COLIN WILLIAM BURNLEY, B.Sc. (<i>Glas.</i>) .. }	Sir John Jackson, Ltd., Harbour Works, Singapore, S.S.
1912 Mar. 5.	{ CAMPBELL, ROBERT ARCHI- BALD, B.Sc. (<i>New Zealand</i>) }	T. Gurney, Equitable Buildings, George Street, Sydney, N.S.W.
1886 Mar. 2.	CAMPBELL, WALTER HOPE ..	Kieff, South Russia.
1908 Dec. 1.	CAMPBELL, WALTER MILLER	{ Irrigation Dept., Box 528, Bloemfontein, South Africa.
1875 Apr. 6.	*CAMPBELL, WILLIAM DUGALD	{ Richardson Street, South Perth, W. Australia.
1907 Feb. 5.	*CAMPBELL - BAYARD, STEPHEN	{ City of Santos Improvements Co., Ltd., Santos, Brazil.
1881 Apr. 5.	CAMPBELL-THOMPSON, JOHN ..	Hull.
1892 Apr. 5.	CANBY, THOMAS	L. & N.W. Ry., Walsall.
1911 Apr. 4.	*CANNEY, CHARLES CAMPBELL	Grindlay, Groom & Co., Bombay.
1886 Jan. 12.	CANNING, THOMAS	{ Aragon House, Clytha Park, Newport, Mon.
1899 Feb. 7.	CANNON, WILLIAM HENRY ..	{ St. Ronans, Leicester Road, New Barnet, Herts.
1913 Apr. 22.	CAPE, ALEC GRAY	{ North Eastern Ry., Dock Engr.'s Office, Hull.
I ✚ 1910 Apr. 19.	*CAPITO, CHARLES ERIK ..	{ Anglo-Persian Oil Co., Ltd., Ahwaz, Persia [<i>via</i> Bombay and Persian Gulf].
1875 Feb. 2.	*CARDOZO, FRANCISCO CORREA DE M.	Pernambuco, Brazil.
1893 Feb. 7.	*CAREW-GIBSON, JOHN GEORGE	{ 11 Hornton Court, High Street, Kensington, W.
1888 Jan. 10.	*CAREY, EVELYN GEORGE ..	{ Sunnyside Avenue, Uddingston, Glasgow.
1910 Dec. 6.	CAREY, JAMES	13 Charing Cross, S.W.
1911 Dec. 5.	CAREY, JOHN GEORGE	Council House, Hounslow.
1871 Mar. 7.	*CARPRAE, JAMES ALSTON ..	Holme Lodge, Wimbledon, S.W.
1907 Dec. 3.	{ CARGILL, WILLIAM MACGIL- VRAY }	{ c.o. Thos. Cook & Son, Ludgate Circus, E.C.
1913 Apr. 1.	{ CARLETON, GEORGE BRABAZON, B.E. (<i>Sydney</i>) }	{ Engr. to Harbour Board, Cairns, Queensland.
1914 Feb. 3.	{ CARLYLE, GEORGE, B.A., B.E. (<i>Royal</i>) }	Caedmuir, Ashgrove Park, Belfast.
1907 Apr. 23.	*CARMICHAEL, ARCHIBALD ..	{ W. H. Allen & Son, Queen's Engineering Wks., Bedford.
1894 Feb. 6.	*CARMICHAEL, GEORGE HENRY	{ Eversley, Holly Bush Lane, Harpenden, Herts.
1891 Mar. 3.	*CARNE, FREDERICK WILLIAM ..	{ Sirhind Canal Circle, Ambala, Punjab, India.
1902 Apr. 8.	CARNEGIE, WILLIAM	33/35 Charterhouse Square, E.C.
1908 Apr. 7.	CAROTHERS, SAMUEL DIXON ..	43 Whitwell Road, Southsea.
1889 Dec. 3.	*CARPENTER, JESSE FAIRFIELD	Cazenovia, New York, U.S.
1913 Feb. 4.	{ *CARPENTER, VICTOR CHARLES DOUGLAS BOYD }	{ T. Cook & Son, 245 Broadway, New York.
1889 Apr. 2.	CARPENTER, WILLIAM JOHN ..	Gasworks, Great Yarmouth.
1891 Mar. 3.	*CARPMAEL, HENRY GIFFORD ..	{ Dormans, Burdon Lane, Belmont, Sutton, Surrey.
1897 Apr. 6.	CARPMAEL, HERBERT	33 Norfolk Street, Strand, W.C.

Date of Election.	ASSOCIATE MEMBERS.	
1901 Feb. 5.	*CARPMAEL, RAYMOND	{ Div. Engr.'s Office, G. W. Ry., Shrewsbury.
1905 Mar. 7.	*CARR, CHRISTOPHER RALPH ..	85 Kirkstall Road, Leeds.
1908 Dec. 1.	CARR, HENRY ROBERTSON ..	8 Dundonald Road, Bristol.
1894 Feb. 6.	*CARR, LAWRENCE STATTER ..	Etruria, Castle Hill, Maidenhead.
1908 Dec. 1.	*CARR-GOMM, MARK CULLING	The Chase, Farnham Royal, Bucks.
1889 Dec. 3.	*CARRICK, HENRY HAWKSHAW	N.E. Ry., Sunderland.
1910 Jan. 11.	{ CARRINGTON, SIDNEY JOHN } NESS	12 Beauval Road, East Dulwich, S.E.
1896 Jan. 14.	*CARROLL, ALEXANDER ERNEST	7 Appian Way, Dublin.
1906 Mar. 6.	*CARRON, FRANCIS GRANT ..	80 Leamington Terrace, Edinburgh.
1910 Dec. 6.	CARRS, STUART	{ Federated Malay States Rys., Construction Dept., F.M.S.
1905 Dec. 5.	{ *CARRUTHERS, FERDINAND GIL- } BERT, B.A. (<i>Cantab.</i>)	13 Victoria Street, S.W.
1905 Dec. 5.	CARSON, WILLIAM HARVEY ..	{ District Engr., Province Ontario, Marine Dept., Ottawa, Canada.
1908 Apr. 7.	*CARSTAIRS, JAMES LESLIE ..	{ F. C. del Sud, Guanahani 322, Buenos Aires.
1913 Dec. 2.	{ *CARSWELL, JOHN BALLAN- } TYNE, B.Sc. (<i>Glas.</i>)	Ross and Macdonald, Traders Bank Building, Toronto, Canada.
1894 Dec. 4.	*CARTE, HUMFREY ALLEYNE ..	{ 44 Wentworth Road, Harborne, Birmingham.
1892 Dec. 6.	*CARTE, RALPH GEORGE	P.W.D., Ceylon.
1909 Jan. 12.	*CARTER, DANNIE WILLIAM ..	{ Lynwood, Bessborough Road, Harrow-on-the-Hill.
† 1907 Apr. 9.	{ CARTER, FREDERICK WILLIAM, } M.A. (<i>Cantab.</i>)	British Thomson-Houston Co., Ltd., Rugby.
1911 Feb. 7.	*CARTER, GEORGE HERBERT ..	Springfield, Hipperholme, Halifax.
1871 Dec. 5.	*CARTER, HENRY	{ 2 Army and Navy Mansions, 115 Victoria Street, S.W. (Sanitation, London.)
1911 Dec. 5.	{ *CARTER, HERBERT GORDON, } B.E. (<i>Sydney</i>)	Ascham, Darling Point, Sydney, N.S.W.
1910 Jan. 11.	{ CARTER, SIDNEY FREDERICK } RUDSTELL	Council House, Hounslow.
1913 Jan. 14.	CARTER, THOMAS MILLER ..	c.o. 116 Canton Street, Poplar, E.
1901 Apr. 23.	CARTER, WILLIAM CHARLES ..	1 Connaught Road, Harlesden, N.W.
1911 Dec. 5.	{ *CARTHIGASEN, SINNATAMBY } THANBYAIL, B.A. (<i>Cantab.</i>)	P.W.D., Colombo, Ceylon.
1876 Feb. 1.	*CARTMELL, JOSEPH	Maryport and Carlisle Ry., Maryport.
1904 Feb. 2.	*CARTWRIGHT, CECIL LEONARD	College of Engineering, Madras.
1902 Jan. 14.	{ CARTWRIGHT, EDMUND BRUCE } WILLOUGHBY, M.A. (<i>Cantab.</i>)	Polvarth House, St. Mawes, Cornwall.
1895 Mar. 5.	*CARTWRIGHT, FRANK	21 Parsons Lane, Bury, Lancs.
1911 Apr. 4.	{ *CARTY, EDWARD GODFREY, } B.Sc. (<i>Engineering</i>) (<i>Lond.</i>)	Burtown, Athy, co. Kildare.
† 1887 Dec. 6.	{ *CARUS - WILSON, CHARLES } ASHLEY, M.A. (<i>Cantab.</i>) ..	41 Old Queen Street, Westminster, S.W.
1900 Dec. 4.	{ CARVER, THOMAS ALBERT } BIRGGS, D.Sc. (<i>Glas.</i>)	9 Springfield Road, Dalmarnock, Glasgow.
1890 Jan. 14.	*CARY, ARTHUR PITT CHAMBERS	42 Grosvenor Road, Gunnersbury, W.
1892 Jan. 12.	CASEBOURNE, CHARLES BASTOW	Caldera, Epsom, Surrey.
1913 Dec. 2.	*CASKIE, JOHN ALEXANDER ..	{ City Engr.'s Office, Bloemfontein, S. Africa.
1911 Dec. 5.	{ *CASTER, GEORGE, } B.Sc. (<i>Engineering</i>) (<i>Lond.</i>)	Georgian Villa, Staples Road, Loughton, Essex.
1891 Dec. 1.	CASTILLA, HENRY COUPER ..	P.W.D., Perth, Western Australia.
1907 Apr. 9.	CATHCART, ARCHIBALD BARRON	{ Asst. Water Engineer, Castle Boulevard, Nottingham.
1907 Apr. 9.	CATON, THOMAS EVAN ARTHUR	{ Skirbeck, Walden's Park Road, Horsell, Woking.

Date of Election.	ASSOCIATE MEMBERS.	
1907 Apr. 9.	CATTLIN, OSMOND	{ Municipal Offices, 197 High Holborn, W.C.
1884 Apr. 1.	{ CAVALCANTI, JOSÉ BARBALHO UCHÔA	{
1892 Apr. 5.	{ CAWS, BYRON FRANK, Major, Staff for R.E. Services ..	{ Royal Engineer Office, Up Park Camp, Jamaica.
1911 Apr. 4.	{ CHALKLEY, ALFRED PHILIP, B.Sc. (Engineering) (Lond.) ..	{ 242 Coombe Lane, West Wimbledon, S.W.
✠ 1907 Apr. 9.	CHALMERS, ALEXANDER SPENCE	{ Overtoun Institution, Livingstonia, Nyasaland.
1893 Dec. 5.	CHALMERS, GEORGE	{ Villa Nova de Lima Estado de Minas, Morro Velho, Brazil.
1894 Mar. 6.	CHALMERS, NATHANIEL	{ Vickery's Chambers, 76 Pitt Street, Sydney, N.S.W.
1909 Feb. 2.	{ *CHALMERS, ROBERT, B.Sc. (St. Andrews)	{ 11 St. John's Road, Newport, Mon.
1899 Dec. 5.	*CHAMBERLAIN, WILLIAM YOUNG	{ Harbour Office, Belfast.
1912 Dec. 3.	{ CHAMBERLIN, CHARLES ALEXANDER	{ The Grove, West Runton, Norfolk.
1904 Jan. 12.	*CHAMBERS, ALFRED EUSTACE	{ c.o. H. S. King & Co., 65 Cornhill, E.C.
1914 Apr. 7.	*CHAMBERS, BERNARD ISBISTER	{ Easton, Courtney and Darbshire, 25 Victoria Street, S.W.
1890 Mar. 4.	*CHAMBERS, CHARLES	{ 722 Four-and-a-half Street, N.W., Sunnyside, Calgary, Alta., Canada.
1904 Mar. 1.	*CHAMBERS, HARRY KITSON ..	{ H.M. Naval Depot, Portland.
1914 Mar. 3.	{ *CHAMNEY, RONALD MARTIN, B.Sc. (Engineering) (Lond.) ..	{ 25 Blandford Road, Bedford Park, W.
1911 Apr. 4.	CHAMPENEY, CLIFFORD CHARLES	{ Vale View, Okus Road, Swindon.
1893 Apr. 11.	CHAMPION, ALFRED JOHN ..	{ 21 Old Queen St., Westminster, S.W.
1878 Feb. 5.	CHANCELLOR, JOHN THORNTON	{ Thorncliffe, Woodcote Valley Road, Purley, Surrey.
1906 Dec. 4.	CHAPLIN, ARTHUR	{ W. T. Chaplin, Shire Engineer, Rochester, Victoria.
1911 Apr. 4.	CHAPLIN, FRANK	{ Carlton House, Scud Hill, Gibraltar.
1886 Dec. 7.	CHAPMAN, ALBERT BARNES ..	{ Court House Chambers, Buxton.
1883 Apr. 3.	*CHAPMAN, ARTHUR DODWELL	{ Govt. Rys., Port Elizabeth, C.C.
B 1906 Apr. 3.	{ *CHAPMAN, FITZROY TOZER, B.Sc. (Lond.)	{ 1 Egerton Gardens, Hendon, N.W.
1897 Apr. 6.	CHAPMAN, GEORGE GRANT ..	{ South African Rys., East London, S. Africa.
1888 Dec. 4.	{ CHAPMAN, GEORGE JAMES, Capt., Staff for R.E. Services ..	{ Royal Engineer Office, Cavalry Barracks, Hounslow, W.
1900 Dec. 4.	*CHAPMAN, JESSE EDWARD ..	{ W. Scott & Middleton, Ltd., Contractor's Office, Dollis Hill Station, Willesden, N.W.
1908 Mar. 3.	{ *CHAPPELL, EDWIN, B.Sc. (Lond.)	{ City & Guilds (Engineering) College, Exhibition Road, S.W.
1900 Dec. 4.	{ *CHARLES, ALEXIS AMAND DALLISON	{ Elm Tree Lodge, Duffield, Derby.
1913 Jan. 14.	CHARLEWOOD, CHARLES AUBREY	{ South African Railways, Pretoria.
1887 Mar. 1.	*CHABRINGTON, EDMUND ..	{ 90-91 Queen Street, Cheapside, E.C.
1913 Dec. 2.	*CHASTER, CLIFFORD STILWELL	{ British Insulated & Helsby Cables, Ltd., Prescott, Lancs.
1908 Mar. 3.	{ *CHATTERJEE, KUSUM KUMAR, B.A. (Calcutta)	{ H. D. Chatterjee, Khandwa, C. P., India.
m ✠ 1892 Dec. 6.	{ *CHATTERTON, ALFRED, C.I.E., B.Sc. (Lond.)	{ Post Box 112, Madras, India.
m 1894 Apr. 3.	*CHATTERTON, BERTRAM ..	{ 28 Mundania Road, Honor Oak, S.E.
1901 Mar. 5.	{ CHATWOOD, ARTHUR BRUNEL, B.Sc. (Lond.)	{ Nizamiah Observatory, Hyderabad, Deccan, India. [mouth.
1881 Dec. 6.	*CHAUNTLER, FRANK	{ Hursley, Glendinning Avenue, Wey-

Date of
Election.

ASSOCIATE MEMBERS.

1912 Jan. 9.	{ *CHESTER, WILLIAM HAROLD ARTHUR }	Engr.'s Office, Corporation Gas Works, Middleton.
1900 Dec. 4.	CHETTLE, WILLIAM ARTHUR ..	{ Brierley Hill Iron Works, Brierley Hill, Staffs.
1912 Dec. 3.	*CHIDGEY, HERBERT THOMAS ..	{ Magdala House, Buckhurst Hill, Essex.
✚ 1906 Dec. 4.	CHILDS, CHARLES VIVIAN ..	{ Suffolk House, Laurence Pountney Hill, E.C.
1907 Dec. 3.	CHILLINGWORTH, ROBERT BOYLE	11 South Mall, Cork.
1890 Feb. 4.	CHRISTIE, WILLIAM INNES ..	{ 1014 Calle Urquiza, Rosario, Argentina.
1908 Feb. 4.	{ CHRISTIE, WILLIAM SAMUEL, B.A.I. (DUBL.) }	3 Rockleaze Avenue, Stoke Bishop, Bristol.
1914 Jan. 13.	{ *CHUBB, CLIFFORD, B.A. (CANTAB.) }	Moore and Tudor, 138/148 Calle Maipú, Buenos Aires.
1897 Dec. 7.	CHURCH, RICHARD JAMES ..	{ Deputy General Manager, Gold Coast Ry., Sekondi, W. Africa.
1899 Mar. 7.	{ CHURCHWARD, ERNEST COLE- RIDGE }	{ Scottish Central Electric Power Co., Commercial Bank Bldgs., Kirk Wynd, Falkirk.
✚ 1879 Feb. 4.	{ *CHURCHWARD, WILLIAM PAT- RICK }	Via Carlo Farini 9, Milano.
1893 Dec. 5.	*CHUTE, JOHN HENRY CHALONER	Castle Coote, Roscommon, Ireland.
1902 Jan. 14.	*CLAPHAM, WALTER	13 Griffith Street, Rushden, Northants.
1883 Jan. 9.	CLARE, JESSE	Sleaford, Lincs.
1905 Dec. 5.	*CLARK, ALBERT HAWKINS ..	Sunningdale, Molesey, Surrey.
1907 Dec. 3.	{ CLARK, ALEXANDER FRASER MACDONALD, M.A., B.Sc. (Edin.) }	{ Chief Engineer's Office, B.B. & C.I. Ry., Bombay.
1913 Apr. 1.	{ CLARK, ANDREW TUDHOPE, B.Sc. (Glas.) }	{ 99 Gloucester Street, Toronto, Canada.
1905 Dec. 5.	*CLARK, COLIN	{ Zaringkranz, Junction Avenue, Parktown, Johannesburg.
1912 Dec. 3.	{ *CLARK, DAVID, B.Sc. (Engineering) (Lond.) }	{ The Royal Technical College, Glasgow.
Mf ✚ 1902 Feb. 4.	{ *CLARK, EDWARD VINCENT, B.Sc. (Adelaide) }	{ The University, Adelaide, S. Australia.
1909 Apr. 6.	CLARK, FRANK ROSS	{ P.O. Box 145, Germiston, Transvaal.
1899 Dec. 5.	*CLARK, FRANKLIN	{ H.M. Dockyard, Rosyth, Inverkeithing, N.B.
1912 Dec. 3.	*CLARK, GEORGE ALBERT ..	{ 17 Southdown Road, Wimbledon, S.W.
1908 Apr. 7.	CLARK, GEORGE MCKERROW ..	Irrigation Dept., Trincomalee, Ceylon.
in 1905 Jan. 10.	{ *CLARK, JAMES MILLER, M.A., B.Sc. (Glas.) }	{ 8 Park Drive West, Glasgow.
1903 Feb. 3.	*CLARK, JOHN MARTIN	{ Engr.'s Office, Hull Bridge, Beverley, E. Yorks.
1897 Dec. 7.	{ CLARK, LINDSAY COLVIN, M.C.E. (Melb.) }	{ Briseis, Derby, Tasmania.
1905 Dec. 5.	*CLARK, ROBERT GEORGE ..	28 Kimberley Road, Cardiff.
1910 Mar. 1.	{ CLARK, THOMAS, B.Sc. (Engineering) (Lond.) }	{ 25 Washington Terrace, North Shields.
1894 Dec. 4.	*CLARK, WILLIAM BETHAM ..	{ H. K. Wicksteed, Chief Engr., Canadian Northern Ontario Ry., 68 King St. East, Toronto, Canada.
1909 Feb. 2.	*CLARKE, ASHFORD VINCENT	Hendford House, Yeovil, Somerset.
1886 May 18.	CLARKE, CHARLES HARWOOD ..	{ Engineer's Dept., N.E. Ry., Newcastle-on-Tyne.
1890 Apr. 1.	*CLARKE, CHARLES STANLEY ..	{ c/o L. Grassie, 36 Lime Street, E.C.
1893 Feb. 7.	*CLARKE, EDMUND	{ 23 Derby Street, Camberwell, Melbourne, Victoria.

Date of Election.	ASSOCIATE MEMBERS.	
1910 Dec. 6.	{ *CLARKE, ERNEST, B.Eng. (<i>Liverpool</i>) }	22 Corn Exchange Chambers, City Walls, Chester.
1899 Mar. 7.	*CLARKE, FREDERICK WILLIAM	Harbour Board, Timaru, N.Z.
1909 Feb. 2.	*CLARKE, GEOFFREY	P.W.D., Shwabo, Upper Burma.
1913 Dec. 2.	*CLARKE, HAROLD PERCIVAL ..	{ Chief Engr.'s Office, Central Argentine Ry., Bartolome Mitre 299, Buenos Aires.
1901 Apr. 23.	CLARKE, HENRY MATTHIAS ..	P.W.D., Sydney, N.S.W.
1883 Dec. 4.	CLARKE, HENRY WILLIAM ..	{ Topham, Jones & Railton, Ltd., Main Dock Extension, Tilbury.
1896 Dec. 1.	CLARKE, HERBERT GEORGE ..	City Engineer's Office, Nottingham.
1889 Dec. 3.	*CLARKE, JOHN FOLLIOTT MOSTYN	Polzeath, St. Minver, N. Cornwall.
1903 Dec. 1.	*CLARKE, JOSEPH HUTCHINSON	{ Grand Pabos, co. Gaspé, P.Q., Canada.
1899 Apr. 11.	CLARKE, OWEN HENRY	{ Port of London Authority, Victoria Embankment, E.C.
1904 Apr. 19.	CLARKE, RICHARD ELLIOTT ..	{ Director of Works Dept., H.M. Dockyard, Portsmouth.
1893 May 16.	{ CLARKE, RICHARD FREDERICK DODD }	H. S. King & Co., Pall Mall, S.W.
1899 Dec. 5.	CLARKE, ROBERT WILLIAM ..	{ Thos. Cook & Son, Ludgate Circus, E.C.
1906 Feb. 6.	{ CLARKE, THOMAS WIGSTON KINGLAKE, B.A. (<i>Cantab.</i>) .. }	{ St. Kevins, Victoria Road, Farnborough, Hants.
1906 Apr. 3.	*CLARKE, WILLIAM JOHNSON ..	3 Loudon Road, Redhill.
1898 Dec. 6.	{ CLARRY, WILLIAM ALFRED HENRY }	Surveyor, Sutton Coldfield.
m	1905 Feb. 7. *CLAY, WILLIAM HENRY CHRISTY	Engr.'s Office, Midland Ry., Derby.
1895 Dec. 3.	*CLAYPOOLE, ALBERT HENRY ..	City Engineer's Office, Bristol.
1865 May 2.	CLAYTON, ALFRED	{ Ilfracombe, Albert Street, Strathfield, N.S.W.
1893 Jan. 10.	*CLAYTON, FRANK, F.C.H. ..	King, King & Co., Bombay.
1911 Dec. 5.	*CLEAVER, CHARLES FRANK ..	Red Hill, St. Asaph, North Wales.
1912 Apr. 2.	*CLEGG, COLIN	Bolsterstone, Sheffield.
1900 Apr. 3.	CLEGG, HARRY	{ Boro' Surveyor's Office, Felixstowe. Government Railway Extension,
1907 Apr. 9.	CLEGG, JOHN	{ Res. Engr.'s Office, South Quay, Port of Spain, Trinidad, B.W.I.
1904 Jan. 12.	CLELAND, ALLAN FRASER ..	{ Kurrawang, near Kalgoorlie, W. Australia.
1912 Apr. 2.	CLEMENS, WILLIAM CECIL ..	53 Gore Road, South Hackney, N.E.
1908 Apr. 7.	CLEMENTS, FRED	The Quintas, Spital, Chesterfield.
1908 Apr. 7.	{ CLEMENTS, RAYMOND GEORGE HUBERT }	Deputy Borough Engr., Brighton.
1914 Mar. 3.	{ CLEMENTS, SHUCKBURGH UPTON LUCAS, B.A.I. (<i>Dublin</i>) .. }	Nigerian Ry., West Africa.
1913 Dec. 2.	*CLEMISHAW, JOHN	25 Vernon Road, Leeds.
1914 Jan. 13.	{ *CLENDINNING, JAMES, B.Sc. (Engineering) (<i>Lond.</i>) }	J. H. Clendinning, Lurgan, Ireland.
R	{ CLIFFORD, FRANCIS AWDRY, M.A. (<i>Cantab.</i>) }	{ Canton - Hankow Ry., Hankow, China.
✱	1906 Apr. 3. CLIFFORD, WILLIAM	{ Sewage Outfall Works, Wolverhampton.
1898 Dec. 6.	*CLOTHIER, HENRY WILLIAM ..	The Green, Wallsend-on-Tyne.
1908 Apr. 7.	CLOUDSLEY, OSWALD	Brightlands, Reigate.
1891 Dec. 1.	CLOUGH, ALFRED	{ 3 Sandringham Drive, Sefton Park, Liverpool.
1905 Apr. 4.	*CLOUGH, FREDERIC HORTON ..	{ The British Thomson-Houston Co., Ltd., Rugby.
1908 Mar. 3.	*CLOUGH, FREDERICK HAROLD	{ 89 Kenilworth Avenue, Wimbledon Park, S.W.

Date of Election.		ASSOCIATE MEMBERS.	
1907 Jan.	8.	{ *COAD, HAROLD EUSTACE, <i>Captain, Staff for R.E. Services</i> }	R.E. Office, Bermuda.
1891 Dec.	1.	{ COAKES, GEORGE SHOREY, <i>B.A. (Cape)</i> }	50 Addison Gardens, Kensington, W.
1910 Jan.	11.	COALES, HAROLD FREDERICK	Council Offices, Sunbury-on-Thames.
1889 Dec.	3.	COALES, HERBERT GEORGE ..	District Council, Market Harborough.
1912 Apr.	2.	COATES, PERCY	Sewerage Engr.'s Office, Great George Street, Leeds.
1890 Dec.	2.	COATH, DAVID DECIMUS	Foxleighs, Holypport, near Maidenhead.
1909 Apr.	6.	{ *COATS, JAMES RICHARDSON, <i>B.Sc. (Glas.)</i> }	City Engr., Municipal Offices, Madras, India.
1895 May	21.	{ *COBB, FREDERICK EDWARD THEODORE }	Public Health Dept., Melbourne, Victoria.
1912 Apr.	2.	*COBB, JOHN MANSFIELD	Engr.'s Office, Bridge Works, Warrington.
1893 Dec.	5.	COBBETT, WILBERFORCE ..	62 West Street, Fareham, Hants.
1892 Dec.	6.	*COCHEMÉ, ALFRED ERNEST ..	4 Avenue d'Alsace, Garches (S. & O.), France.
1909 Feb.	2.	*COCHRANE, JAMES	Estacion Funes, F.C.C.A., Provincia de Santa Fé, Argentina.
1907 Apr.	23.	*COCHRANE, MORTON FARRER ..	Department of the Interior, Ottawa.
1894 May	1.	COCKRILL, THOMAS	Glencoe, Biggleswade, Beds.
+ 1906 Apr.	3.	COCKSHOTT, EDGAR HARRY ..	92 Woodstock Road, Chiswick, W.
1911 Mar.	7.	{ *COCKSHOTT, FRANK WILLIAM, <i>M.A. (Cantab.)</i> }	H.M. Inspector of Factories, Prudential Buildings, Mosley Street, Newcastle-on-Tyne.
1908 Dec.	1.	CODD, HENRY	94 Fletcher Street, Campsie, Sydney, N.S.W.
1912 Dec.	3.	{ *COHEN, ALEXANDER JOSEPH, <i>B.Sc. (Engineering) (Lond.)</i> }	Burma Railways, Rangoon, Burma.
1912 Mar.	5.	{ *COLAM, HAROLD NUGENT, <i>B.A. (Cantab.)</i> }	King, King & Co., Bombay.
1905 Mar.	7.	*COLBOURNE, RUPERT LIONEL ..	T. Cook & Son, Esplanade Road, Bombay.
1900 Apr.	3.	COLE, CHARLES HENRY	32 Maidstone Road, Chatham.
1907 Dec.	3.	COLE, CHARLES STUART DUDLEY	33 Aberdeen Road, Neasden, N.W.
1901 Apr.	23.	{ COLE, REGINALD SORRÉ, <i>M.A. (Cantab.)</i> }	Lake Copais Co., Ltd., Kribba, Greece.
1876 Mar.	7.	COLE, THOMAS	11 Victoria Street, S.W. (Biscetting, London. Victoria 5083.)
1904 Jan.	12.	{ *COLEMAN, GEORGE STEPHEN, <i>B.Sc. (Engineering) (Lond.)</i> }	28 Hesketh Avenue, Didsbury, Manchester.
1911 Dec.	5.	{ *COLES, STANLEY, <i>B.Sc. (Engineering) (Lond.)</i> }	Synthetic Products Co., Ltd., Alexandra Docks, King's Lynn.
1886 Dec.	7.	*COLES, WALTER JOSEPH	The Gables, Bass Street, Derby.
1912 Dec.	3.	*COLL CUTT, EDGAR HUGH ..	c.o. Secretary, Road Board, Queen Anne's Chambers, S.W.
m 1906 Jan.	9.	*COLLETT, JOHN COLET	c.o. National Provincial Bank of England, Ltd., Carey Street, Lincoln's Inn, W.C.
1913 Dec.	2.	*COLLETT, REGINALD ALFRED ..	21 Clifton Terrace, Brighton.
1913 Dec.	2.	{ *COLLIER, FRANK JACKSON, <i>B.Sc. (Engineering) (Lond.)</i> }	Caixa 114, Pernambuco, Brazil.
1903 Apr.	7.	COLLINGE, THOMAS PEEL ..	Borough Engr., Mansfield.
1907 Dec.	3.	*COLLINGHAM, ROBERT HUGH ..	9 Murray Road, Rugby.
1898 Dec.	6.	{ COLLINGRIDGE, HARVEY, <i>B.Sc. (Lond.)</i> }	23 Hampstead Lane, Highgate, N.
1905 Apr.	4.	*COLLINGWOOD, CUTHBERT ..	{ Chota Bungalow, Walthachin, British Columbia.

Date of Election.	ASSOCIATE MEMBERS.	
1892 Dec. 6.	*COLLINS, ADRIAN CHARLES ..	61 Old Broad Street, E.C.
1906 Apr. 3.	COLLINS, GEORGE MIDDLETON	55 Market Street, Manchester.
1905 Dec. 5.	*COLLINS, HAROLD	Town Hall, Colchester.
✠ 1891 Dec. 1.	*COLLINS, HENRY FRANCIS ..	{ Huelva Copper and Sulphur Mines, Ltd., Valdelamusa, Prov. de Huelva, Spain.
t ✠ 1905 Dec. 5.	COLLINS, MICHAEL RICHARD ..	{ Irrigation Dept., P.O. Box 399, Pretoria, South Africa.
1908 Dec. 1.	*COLLINS, ROBERT HAYES ..	29 Glenluce Road, Blackheath, S.E.
1895 Dec. 3.	COLLINS, W. HEPWORTH ..	
1902 Jan. 14.	*COLLINS, WILLIAM	28 Baldwin Street, Bristol.
1911 Dec. 5.	{ COLLINSON, GEORGE RUDD, } B.Sc. (Engineering) (Lond.)	Borough Engr.'s Office, Swansea.
1897 Apr. 6.	*COLLIS, OLIVER JAMES	{ Kiamia, Malvern Grove, Malvern, Victoria, Australia.
1891 Mar. 3.	*COLLIS, WILLIAM HENRY ..	{ 7 Barn Hill Road, Wavertree, Liverpool.
1909 Apr. 6.	*COLMAN, ALAN	{ South African Rys., Mooi River, Estcourt Deviation, Natal.
1908 Apr. 7.	COLMAN, STUART MILL	{ Waterworks, Acera, Gold Coast, W. Africa.
1913 Mar. 11.	{ *COLQUHOUN, ROBERT } TANNAHILL	{ P.O. Box 1564, Vancouver, B.C.
t ✠ 1888 Mar. 6.	*COLQUHOUN, WILLIAM	{ Endcliffe, Endcliffe Crescent, Sheffield.
1887 May 24.	{ *COLTON, CHARLES ANDERSON } COWARD	{ Gasworks, Sydney, N.S.W.
1905 Jan. 10.	*COLYER, CECIL ALFRED	{ Upper Chenab Canal, Marala, District Sialkote, Punjab.
1898 Feb. 1.	{ *COLYER, MORETON JOHN } GODDEN, B.E. (Sydney) ..	{ Hong Kong & Shanghai Bank, Hankow Branch, Hupeh, China.
1902 Jan. 14.	*CONACHER, JAMES	Torwood, Monifieth, Forfarshire.
1899 Dec. 5.	{ CONCANNON, THOMAS GEORGE } UPTON	{ Municipal Engineer, Prome, Burma.
1907 Feb. 5.	{ CONDON, EDMUND CHARLES } HILL, M.A.I. (Dubl.)	Thos. Cook & Son, Bombay.
1910 Dec. 6.	{ CONINCK-WESTENBERG, DANIEL } JOHN LAMBERT	{ Sawah Loento, West Coast, Sumatra, Dutch East Indies.
1912 Mar. 5.	*CONNELL, CECIL BOURKE ..	{ Dowlaishwaram, Godaveri District, India.
1913 Dec. 2.	CONNELL, ERNEST, B.E. (Royal)	{ Engr.'s Dept., Tientsin-Pukow Ry., Nanking, China.
1897 Jan. 12.	CONNER, BENJAMIN	196 St. Vincent Street, Glasgow.
1911 Dec. 5.	CONNERY, DANIEL PATRICK ..	{ C. H. Walker & Co., Ltd., Calle Andes 172, Buenos Aires.
1892 Dec. 6.	CONSTANTINE, EZEKIEL GRAYSON	{ Stirling Boiler Co., Ltd., 58 Victoria Street, S.W.
1892 May 3.	*CONYERS, SIDNEY WARD ..	P.W.D., Sydney, N.S.W.
1874 Feb. 3.	CONYERS, WILLIAM	230 Williams Road, Toorak, Victoria.
1905 Dec. 5.	COOK, ERNEST WALTER	St. Malo, James Lane, Leyton, E.
1909 Dec. 7.	*COOK, FRANK LEONARD	General Delivery, Victoria, B.C.
1887 Dec. 6.	*COOK, FRANK PLANT	Mansfield Woodhouse, Notts.
1909 Apr. 6.	COOK, FREDERICK CHARLES ..	Municipal Offices, Nuneaton.
✠ 1911 Feb. 7.	{ *COOK, GILBERT, } M.Sc. (Manchester)	{ 8 Clarendon Road, Garston, Liverpool.
1907 Feb. 5.	*COOK, JAMES	{ Woodvale, Beddington Gardens, Wallington, Surrey.
1893 Jan. 10.	COOK, JOHN	Fylde Water Board, Blackpool.
1913 Jan. 14.	{ COOK, JOSEPH BATTERHAM, } B.Sc. (Engineering) (Lond.)	{ Mechanical Engr.'s Dept., London County Council, Spring Gardens, S.W.
1901 Mar. 5.	{ COOK, STANLEY SMITH, } B.A. (Cantab.)	{ 74 St. George's Terrace, Jesmond, Newcastle-on-Tyne.

Date of Election.	ASSOCIATE MEMBERS.	
1898 Dec. 6.	COOKE, CONRAD ALLAN	c.o. H. S. King & Co., 65 Cornhill, E.C.
1883 May 29.	*COOKE, FREDERICK GEORGE ..	3 Hyde Gardens, Eastbourne.
1904 Apr. 19.	{ COOKE-YARBOROUGH, HENRY ALFRED }	Campsumount, Doncaster.
1914 Feb. 3.	*COOKSEY, JOSEPH ARNOLD ..	{ Railway Construction, Amersfoort S. Africa.
1900 Jan. 9.	COOKSON, THOMAS	Town Hall, Preston.
1914 Apr. 7.	COOLEY, CECIL BATTISCOMBE ..	{ Vernon Lodge, Berrylands Road, Surbiton, Surrey.
1888 Dec. 4.	*COOMBER, WILLIAM HORACE ..	Lancs. and Yorks. Railway, Manchester.
1891 Dec. 1.	COOPER, ALFRED ERNEST ..	8 Ravenscroft Avenue, Golders Green, N.W.
1910 Jan. 11.	COOPER, ARTHUR	Manila Ry. Co., Ltd., Manila, Philippines.
1907 Apr. 9.	COOPER, AUSTIN GEORGE ..	Govt Rys., Colombo, Ceylon.
1910 Dec. 6.	{ COOPER, BENJAMIN SIDNEY WALTER }	Auldersyde, Ralston Avenue, Crook- ston, nr. Glasgow.
1910 Dec. 6.	{ *COOPER, FRANCIS COLLIER, B.Sc. (Engineering) (Lond.) }	17 Wilton Street, Grosvenor Place, S.W.
1897 Apr. 6.	COOPER, FRANCIS EDWARD ..	City Engr.'s Office, Liverpool
1912 Apr. 2.	*COOPER, GORDON	{ Port of London Authority, Engr.'s Office, New Works, Tilbury.
1909 Jan. 12.	*COOPER, JOSEPH CROWTHER ..	P.W.D., Colombo, Ceylon.
1896 Feb. 4.	{ *COOPER, THOMAS BRAMMALL, B.Sc. (Victoria) }	Sun Buildings, Bristol.
1902 Apr. 22.	*COOPER, VERNON	{ Galena Signal Oil Co., 25 de Mayo 158, Buenos Aires.
1904 Jan. 12.	*COOPER, WALTER GOUGH ..	{ Contractor's Office, H.M. Dockyard. Rosyth, Dunfermline, N.B.
1913 Apr. 22.	*COOPER, WALTER ROYLANDS ..	217 Kenmure Street, Pollokshields, Glasgow.
1874 Feb. 3.	COOPER, WILLIAM	{ Neptune Engine Works, Hull. (Nep- tune, Hull. 30.)
t * 1900 Dec. 4.	{ COOPER, WILLIAM RANSON, M.A., B.Sc. (Royal) }	113 Tulse Hill, S.W.
1910 Apr. 19.	{ *COOPER-KING, MAXIMILIAN KNIGHT }	Mrs. Cooper-King, Farnham, Surrey.
1894 Feb. 6.	*COPE, WILFRED ARTHUR ..	District Council, Bromley, Kent.
1890 Dec. 2.	{ COPELAND, HENRY PAUL RAM- SAY }	c.o. Standard Bank of South Africa, Ltd., 10 Clement's Lane, E.C.
1914 Mar. 3.	{ COPESTAKE, HENRY GOODALL, B.Sc. (Glas.) }	20 Upper Frank Street, Mount Pottinger, Belfast.
1894 Dec. 4.	COFLEY, CHARLES THOMAS ..	252 Barkerhouse Road, Nelson, Lancs.
1906 Feb. 6.	{ *COPPOCK, HARRY STOWE, B.Sc. (Wales) }	Elswick Works, Newcastle-on-Tyne.
1890 Apr. 1.	CORDNER-JAMES, JOHN HENRY	Finsbury House, Blomfield Street, E.C.
1910 Dec. 6.	{ CORLETTE, JAMES MONTAGU CHRISTIAN, B.E. (Sydney) ..	Water Supply and Sewerage Board, Newcastle, N.S.W.
1908 Dec. 1.	{ CORMACK, ROBERT RICHARDSON B.Sc. (Victoria) }	
1904 Dec. 6.	*CORNISH, JAMES EASTON ..	Water Works, Alexandria, Egypt.
* 1898 Dec. 6.	CORNISH, NICHOLAS EDWARD ..	{ Imperial Arsenal, Shanghai, China [via Siberia].
1875 Apr. 6.	CORNISH, THOMAS SMERDON ..	3 Beaumont Road, Kingston-on- Thames.
1901 Feb. 5.	*CORNOCK, JOSEPH CAPEL ..	Riversdale, Langwith Park, Colling- ham, Yorks.
1902 Dec. 2.	{ CORRIE, WILLIAM EDWARD, B.Sc. (Victoria) }	Corrie, Mackie & Co., 1 Exchange Place, Dundee.
1902 Apr. 8.	CORRINGHAM, GEORGE HENRY	

Date of Election.	ASSOCIATE MEMBERS.	
✠ 1906 Apr. 3.	CORSON, FRANK HUNTINGDON	Electricity Works, Gloucester.
1910 Dec. 6.	*CORY, EDGAR MYRIE	9 Elm Grove Road, Ealing, W.
1914 Jan. 13.	{ *CORY-WRIGHT, SILSTON, B.Sc. (Engineering) (Lond.) }	University College, Auckland, New Zealand.
1906 Jan. 9.	COSTER, WILLIAM WALLACE ..	{ Metropolitan Board of Water-Supply and Sewerage, 341 Pitt Street, Sydney, N.S.W.
1913 Dec. 2.	COTTAM, HARRY	{ Fylde Water Board, Barnacre, Garstang, Lancs.
1910 Jan. 11.	{ COTTERILL, HENRY WILLIAM BLAND }	Res. Engr., Llyn-on Reservoir, Cwm Taff, near Merthyr Tydfil.
1866 May 15.	{ COTTERILL, JAMES HENRY, M.A. (Cantab.), F.R.S. }	Hill Crest, Parkstone, Dorset.
1910 Jan. 11.	*COTTON, CHARLES GEOFFREY	{ Dick, Kerr & Co., Ltd., Apartado 80, Las Palmas, Grand Canary.
1911 Feb. 7.	*COTTON, SYDNEY O'GRADY ..	{ L. and N.W. Ry., Res. Engr.'s Office, 192 Alexandra Rd., Kilburn, N.W.
1877 Feb. 6.	{ COTTRELL, HENRY EDWARD PLANTAGENET }	314 Winchester House, Old Broad Street, E.C.
1910 Apr. 5.	{ COULCHER, GEORGE EDWIN BOHUN }	Harbour Extension Works, Buckie Cluny, Banffshire.
1906 Dec. 4.	{ *COURT, WILLIAM HAROLD ARTHUR }	Boro' Surveyor's Office, Town Hall, Leicester.
1911 Apr. 4.	{ *COUSINS, HENRY, M.Sc. (Manchester) }	Eryl-Don, Carnarvon.
1904 Dec. 6.	*COUTTS, RONALD STUART ..	{ F. C. Cental Argentino, Bartolome Mitre 299, Buenos Aires.
1914 Apr. 7.	COZENS, ROBERT HALL ..	City Engr.'s Office, Guildhall, York.
1908 Dec. 1.	*COVELL, BEVERLEY CARTHEW	R.M. Ry., Ajmere, India.
S t ✠	1903 Apr. 7.	*COWAN, PERCY JOHN
1899 Apr. 11.	COWDERY, GEORGE ROBERT ..	{ 23 Bedford Street, Strand, W.C.
1900 Dec. 4.	*COWLE, GERALD ARTHUR ..	{ Glencoe, Torrington Road, Strathfield, N.S.W.
1908 Mar. 3.	COWLEY, JAMES	{ Construction Dept., General Electric Co., Schenectady, N.Y.
1913 Apr. 22.	COWPER, ALEXANDER DOUGLAS	{ 9 St. Clair Terrace, Morningside Drive, Edinburgh.
1896 Dec. 1.	{ *COWPER-COLES, SHERARD OS- BOEN }	{ Engr.'s Office, Beira and Mashonaland and Rhodesia Rys., P.O. Box 604, Bulawayo, S. Africa.
1907 Apr. 9.	COX, ARTHUR LAURENCE ..	The Cottage, Sunbury-on-Thames.
✠	1908 Jan. 14.	COX, CHARLES LESLIE
1897 Apr. 6.	COX, DOUGLAS BRENTON ..	{ 45 Darley Street, Bradford.
1892 Dec. 6.	*COX, FREDERICK NUTTER ..	{ Municipal Offices, Colombo, Ceylon.
1893 May 2.	COX, FREDERICO WILLIAM ..	{ S.A. Ry. Office, Bloemfontein, O.F.S., S. Africa.
1910 Jan. 11.	*COX, HENRY ASHLEY	San José, Costa Rica.
1905 Dec. 5.	{ *COX, REGINALD CHARLES, M.A. (Cantab.) }	{ Uziua Conção de Sininbu, São Miguel dos Campos, Alagoas, Brazil.
1912 Apr. 2.	COX, WILLIAM TOM	{ Glendower, Highfield Road, Sutton, Surrey.
1905 Apr. 4.	CRABB, HENRY RALPH	{ P.W.D., Government Factory, Colombo, Ceylon.
1895 Dec. 3.	{ *CRABTREE, WALTER ROBINSON, M.Sc. (Victoria) }	{ Municipal Offices, Pembroke Dock.
1891 Dec. 1.	*CRABTREE, WILLIAM ROBSON	{ Union Offices, High Street, Doncaster.
1903 Apr. 7.	CRAGGS, HENRY WELDON ..	{ Harbour Works, East London, Cape Colony.
		{ St. John's Foundry and Engineering Co., Ltd., Perth.

Date of Election.		ASSOCIATE MEMBERS.	
✠	1900 Dec. 4.	{ *CRAIG, ALEXANDER DONALD, } B.E. (Sydney)	P. N. Russell School of Engineering, The University, Sydney, N.S.W.
	1889 Dec. 3.	*CRAIG, CLARENCE	Tyrella House, Clough, co. Down.
	1909 Apr. 6.	CRAIG, DAVID	Victorian Government Rys., Box 572, G.P.O., Melbourne.
	1907 Feb. 5.	CRAIG, JAMES, B.Sc. (Glas.) ..	Netherlea, Partick, Glasgow.
	1910 Dec. 6.	*CRAIG, JOHN FREDERICK ..	{ Asst. General Manager's Office, South African Rys., Cape Town.
	1901 Dec. 3.	{ CRAIG, WALTER LENNOX, B.C.E. (Melb.)	
R	1912 Dec. 3.	{ *CRAN, PETER MACLELLAN, B.Sc. (Edin.)	{ Backhill House, Musselburgh, Midlothian
	1913 Feb. 4.	*CRANAGE, HARRY	Borough Surveyor's Office, Town Hall, Leicester.
	1911 Dec. 5.	CRASKE, HAROLD	Rutland Lodge, Albert Bridge Road, S.W.
	1909 Feb. 2.	*CRAVEN, CHARLES SAMUEL ..	Whitwell Vicarage, Isle of Wight.
	1912 Apr. 2.	CRAVEN, GEORGE FREDERICK	{ Tramways Office, Mill Lane, Read- ing.
m	1905 Dec. 5.	*CRAWFORD, LEONARD GEORGE	Vickers, Ltd., Barrow-in-Furness.
	1906 Dec. 4.	{ CRAWFORD, MAURICE NEWEN- HAM	22 Craigpath, Aldeburgh.
	1909 Jan. 12.	{ *CRAWFORD, WALTER COULTON, B.A. (Cantab.)	District Engr., Eastern Construction, Nigerian Ry., W. Africa.
	1894 Mar. 6.	*CRAWTER, FRANK WHINFIELD	{ Chloride Electrical Storage Co., 39 Victoria Street, S.W.
	1908 Feb. 4.	{ *CREE-BROWN, ROBERT SCOTT, B.Sc. (New Zealand)	College of Science, Poona, India.
	1911 Feb. 7.	{ *CREEDY, HAROLD DOUGLAS, B.Sc. (Engineering) (Lond.) ..	e.o. Mrs. Creedy, 19 Webster Gardens, Ealing, W.
	1884 Feb. 5.	CREEH, ALFRED	1 Low Onsegate, York.
	1905 Apr. 4.	*CREER, ALFRED DOUGLAS ..	{ Engr. in-charge, Buriard Peninsula Joint Sewerage Scheme, Box 174, G.P.O., Vancouver, B.C.
	1904 Jan. 12.	CREGEEN, HUGH STOWELL ..	14 Westbourne Villas, Hove, Sussex.
	1896 Apr. 14.	CRESSWELL, GEORGE BELDEN ..	King, Hamilton & Co., Calcutta.
	1905 Dec. 5.	{ CRESSWELL, HERBERT AUGUS- TINE	District Engineer, Coolgardie, W. Australia.
	1883 May 29.	CRESSWELL, JOSEPH	54 Castle Street, Dover.
	1914 Feb. 3.	*CRESWELL, FERDINAND LESLIE	{ Estacion Lincoln, F.C. Oeste, Buenos Aires.
	1893 May 16.	{ CRESWELL, FREDERIC HUGH PAGE	Rand Club, Johannesburg, Trans- vaal.
m ✠	1905 Feb. 7.	*CRIDLAN, JOHN LIONEL ..	{ Burvale, Rickmansworth Road, Watford.
	1894 Dec. 4.	*CRIGHTON, CHARLES	{ South Indian Ry., Negapatam, Madras, India.
	1888 Dec. 4.	CRIPPS, FREDERICK SOUTHWELL	Slinfold, Horsham.
	1913 Apr. 22.	CRISWELL, HENRY	{ Apartado 248, 58 Calle Rifa, Di- reccion General de Instruccion Cuerto de Ingenieros Civiles, Lima, Peru.
	1910 Dec. 6.	CRISWELL, WALTER	{ Apartado 80, Las Palmas, Grand Canary.
	1912 Mar. 5.	*CROAD, ALBERT	P.W.D., P. O. Pattoki, Punjab.
	1906 Apr. 3.	CROASDELL, JAMES FREDERICK	66 Heavitree Road, Plumstead.
	1907 Apr. 9.	CROCKER, JOHN	{ 19 Leekyer Road, Maudslough, Plymouth.
	1881 Dec. 6.	*CROFT, HENRY	Pemberton Building, Victoria, B.C.
	1912 Apr. 2.	CROLEY, FRANK WILLIAM ..	Cox and Co., Bombay, India.
	1911 Feb. 7.	*CROMBIE, ALLAN	River Wear Commission, Sunderland.
	1895 May 21.	*CROMPTON, REGINALD HARRATT	Nestleton, Hope, Sheffield.

Date of Election.	ASSOCIATE MEMBERS.	
1895 Dec. 3.	{ CROOKES, BERNARD HUMPHREY, M.Sc. (<i>Victoria</i>) }	34 Devonshire Place, Jesmond-on-Tyne.
1913 Dec. 2.	*CROOM-JOHNSON, PERCY	City Engr.'s Office, Liverpool.
1879 May 27.	CROSBIE, JAMES	New Farm, Gamlingay, Sandy.
1902 Apr. 22.	{ *CROSLAND, JAMES CHARLES HERBERT }	Orchard Lea, Mobberley, Cheshire.
1882 Apr. 4.	*CROSS, AMBROSE WOOTTON ..	The Elms, Moseley, Birmingham.
1912 Apr. 2.	{ *CROSS, ARTHUR LESLIE ROW- BOTHAM }	The Elms, Alcester Road, Moseley.
1913 Dec. 2.	*CROSS, DOUGLAS CLEAVE ..	Lea Bridge Gasworks, Leyton, Essex.
1911 Apr. 4.	CROSS, FREDERICK	Houghton House, Rodridge, nr. Wingate, co. Durham.
1887 Dec. 6.	*CROSS, FREDERICK WILLIAM ..	74 Thornhill Road, Handsworth, Birmingham.
1908 Dec. 1.	CROSS, WILLIAM GEORGE ..	Borough Surveyor's Office, Town Hall, Richmond, Surrey.
1891 Feb. 3.	{ CROWE, PERCY BARBY GUSTAV OTTO }	1 Queen Anne's Chambers, Westminster, S.W.
1892 Jan. 12.	CROZIER, WILLIAM, Jun. ..	Shire Hall, Durham.
1911 Jan. 10.	{ CRUICKSHANK, WILLIAM DONALD McDONALD }	Bharatpur Agency, Rajputana, India.
1905 Dec. 5.	*CRUM, JAMES ARTHUR	Royal State Ry. (Southern Line), Bangkok, Siam.
1887 Dec. 6.	CRUMMACK, HARKER CHARLES	29 Grange Road, West Hartlepool.
1907 Apr. 9.	CRUMP, EDWARD HAROLD ..	Council Offices, Hinckley.
1908 Dec. 1.	CRUZ, THOMAS MELVILLE DE	Mahoba, U.P., India.
1908 Apr. 7.	{ *CRYER, EDWARD, B.Sc. (<i>Vic-toria</i>) }	22 Woodlands Terrace, Redcar, Yorks.
1881 May 31.	CUBITT, WILLIAM	Rumney House, Cardiff
1910 Jan. 11.	{ *CULBERTSON, JOHN MURRAY SCHÜTZ }	Port Trust, Karachi, India.
1907 Dec. 3.	{ *CULE, TUDOR GARFIELD, B.Sc. (<i>Wales</i>) }	Akhaura, Tippera, Eastern Bengal.
1895 Apr. 2.	CULLEN, HERBERT DALE ..	Sherwood, Armadale, Western Australia.
1904 Apr. 19.	*CULLEY, ALFRED EDWIN ..	11 Rumford Street, Liverpool.
1912 Dec. 3.	{ *CULLIMORE, JAMES, M.A. (<i>Cantab.</i>) }	Christleton, Chester.
1890 Jan. 14.	CULLIS, EDMUND JOSEPH ..	Southgate Chambers, Gloucester.
1912 Apr. 23.	*CULLY, WILLIAM FREDERICK ..	22 Lorne Road, Forest Gate, Essex.
1904 Dec. 6.	*CULVERHOUSE, HERBERT SYDNEY	11 Linden Avenue, East Newport, Fife, N.B.
1902 Jan. 14.	{ CUMMING, ALEXANDER GEORGE GORDON, B.Sc. (<i>Edin.</i>) }	41 George Street, Edinburgh. (Central 43 Y.)
1911 Feb. 7.	{ *CUNLIFFE, JAMES GRIMSHAW, M.Sc. Tech. (<i>Manchester</i>) }	Tramway Offices, Council House, Birmingham.
1911 Feb. 7.	{ *CUNLIFFE, RICHARD GRIMSHAW, M.Sc. Tech. (<i>Manchester</i>) }	Corporation Tramways, Engr.'s Office, 55 Piccadilly, Manchester.
1895 Dec. 3.	{ CUNNINGHAM, BRYSSON, B.E. (<i>Royal</i>) }	Port of London Authority, 109 Leadenhall Street, E.C.
t † 1903 Apr. 7.	*CUNNINGHAM, HARRY	Sir William Arrol & Co., Ltd., 85 Preston Street, Glasgow.
1875 Jan. 17.	CUNNINGHAM, JAMES HENRY ..	2 Ravelston Place, Edinburgh.
1907 Dec. 3.	{ CUNNINGHAM, JAMES MICHAEL, M.A. (<i>Cantab.</i>) }	2 St. Paul's Road, Cambridge.
1911 Apr. 4.	{ *CUNNINGHAM, WILLIAM ANDREW, B.A. (<i>Cantab.</i>) }	Oficina Ingenieros, F.C. Sud, Calle Guanabani 322, Buenos Aires.
1908 Dec. 1.	CURPHEY, HARRY	47 Princes Avenue, Alexandra Park, Wood Green, N.
f m † 1913 Dec. 2.	{ *CURRALL, EDWARD PERCY, M.Sc. (<i>Bham.</i>) }	Hampton Road, Solihull, near Birmingham.

Date of
Election.

ASSOCIATE MEMBERS.

1909 Jan. 12.	*CURRY, MATTHEW HAROLD ..	{ Asst. Electrical Engr., East Indian Ry., Lillooah, Bengal.
1910 Dec. 6.	*CURRY, THOMAS ARCHIBALD ..	{ Thos. Cook & Son, P.O. Box 46, Bombay.
1883 Dec. 4.	*CURRY, WILLIAM ELMITT ..	{ Woodoaks Farm, nr. Rickmansworth.
1888 Jan. 10.	CURRY, WILLIAM THOMAS ..	{ Minas de Rio Tinto, Provincia Huelva, Spain.
t † 1890 May 6.	{ CURTIS, ALFRED HARPER, .. B.A. (Lond.)	{ 24 Palace Chambers, Bridge Street, Westminster, S.W.
1903 Feb. 3.	CUSACK, RALPH SMITH OLIVER ..	{ 56 Wellington Road, Dublin.
1892 Dec. 6.	*CUST, LEOPOLD	{ Broome, Fleet, Hants.
1911 Dec. 5.	*CUTHBE, KENNETH VINCE ..	{ Willow Point, Nelson, British Columbia.
1906 Apr. 3.	CUTHBERT, JAMES GIBSON ..	{ Orchard Avenue, New Malden, Surrey.
1874 May 12.	CUTLER, SAMUEL	{ Providence Ironworks, Millwall, E.
1905 Dec. 5.	CUTLER, SAMUEL, Jun. ..	{ 126 Ashley Gardens, S.W.
1908 Apr. 7.	CZERNY, JOHN	{ Fernleigh, Ketley Bank, Oakengates Salop.
1913 Jan. 14.	{ *D'ABREU, VICTOR EUGENE, .. B.Sc. (Edin.)	{ e.o. Chief Res. Engr. of Construction, F.M.S. Rys., Seremban, Negri Sembilan, F.M.S.
1904 Jan. 12.	DACK, WILLIAM HERBERT ..	{ Club de Residentes Extranjeros, Buenos Aires.
1889 Dec. 3.	DADABHOY, CURSETJEE	{ Cumballa Hill, Bombay.
1911 Dec. 5.	DAIN, GEORGE EDWIN, Jun. ..	{ Cartref, Menai Bridge, Anglesey.
1911 Apr. 4.	{ DALE, EDWARD WORTLEY, .. B.E. (Royal)	{ Irrigation, Beni Souf, Egypt.
1905 Feb. 7.	*DALGARNO-ROBINSON, HENRY ..	{ Marshgate House, Richmond, Surrey.
1910 Dec. 6.	{ DALL, ALEXANDER PERCIVAL .. INGLEFIELD	{ Nizam's Guaranteed State Rys., Oxford Street, Secunderabad, Deccan, India.
1912 Mar. 5.	*DAMAN, JOHN HENRY PAULET ..	{ Canadian Pacific Ry., Hillcrest, Alberta, Canada.
1905 Apr. 11.	{ *DĀNI, DĀMODAR GANESH, .. B.Sc. (Bombay), F.C.H. ..	{ Dr. Dāni, Sholapore, Bombay Presidency.
1910 Dec. 6.	{ DANI, PURUSHOTTAM GANESH, .. B.Sc. (Engineering) (Lond.) ..	{ P.W.D., Jammu, Punjab.
1898 Dec. 6.	*DANIEL, ARTHUR HENRY	{ Winn House, Rawcliffe, Yorks.
1902 Dec. 2.	*DANIEL, WALTER	{ The Beach House, Harbour Works, Lagos, S. Nigeria.
1912 Apr. 23.	*DANIELL, OLIVER CARL	{ Chief Engr.'s Office, Royal Siamese State Rys. (Southern Line), Bangkok, Siam.
1874 Apr. 14.	DARBISHIRE, CHARLES HENRY ..	{ Plas Mawr, Penmaenmawr.
1913 Dec. 2.	*DARBISHIRE, HUGH CHARLES ..	{ Erewon, Mayfield Road, Timperley, Ches.
1908 Dec. 1.	DARBY, ARTHUR ERNEST	{ Carlisle Lodge, Chelmsford Road, South Woodford, N.E.
1908 Dec. 1.	DARBY, HAROLD	{ Town Hall, Ealing, W.
1906 Feb. 6.	*DARLEY, BERNARD D'OLIER ..	{ Hardwar, United Provinces, India.
1908 Apr. 7.	DARLING, HENRY ARTHUR	{ 33 Cranbrook Park, Ilford.
1883 Dec. 4.	{ DARLINGTON, FREDERICK .. ARTHUR	{ 55 Amesbury Avenue, Streatham Hill, S.W.
1906 Jan. 9.	{ DABUVALA, DINSHAH DADA- BHOY, L.C.E. (Bombay) ..	{ Municipality, Bombay.
1877 Feb. 6.	DARWIN, HORACE, M.A. (Cantab.) ..	{ Huntingdon Road, Cambridge.
1902 Feb. 4.	*DAS, RONESCHANDRA	{ Panchanuntolah, Howrah, Bengal.

Date of Election.	ASSOCIATE MEMBERS.	
1908 Mar. 3.	{ DAS GUPTA, JATIUDRA KUMAR, B.Sc. (<i>Glas.</i>) }	65 ¹ / ₂ Harrison Road, Calcutta.
1907 Dec. 3.	*DASHWOOD, ARTHUR PAUL ..	{ Harbour Works, Secondec, W. Africa.
1914 Mar. 3.	{ *DAVENPORT, ARTHUR HENRY, R.A. (<i>Cantab.</i>) }	Engr.'s Office, Midland Ry., Derby.
1890 Apr. 1.	*DAVENPORT, CHARLES EDWARD ..	Inglewood Park Road, Nantwich.
1912 Mar. 5.	{ DAVENPORT, JOHN ALFRED, B.Sc. (<i>Victoria</i>) }	48 Castle Street, Liverpool.
1908 Feb. 4.	{ *DAVEY, ARCHIBALD HENRY PINGSTON }	Waterworks Office, Guernsey.
1911 Dec. 5.	{ *DAVID, WILLIAM THOMAS, B.Sc. (<i>Wales</i>) }	10 Gloucester Street, S.W.
1905 Dec. 5.	DAVIDGE, WILLIAM ROBERT ..	Glenwood, Mottingham, Kent.
1906 Jan. 9.	DAVIDSON, JOHN ALEXANDER ..	218 Great Western Road, Aberdeen.
1900 Jan. 9.	{ *DAVIDSON, JONATHAN ROBERTS, M.Sc. (<i>Victoria</i>) }	Water Engineer's Office, Liverpool.
1913 Apr. 22.	*DAVIDSON, WILLIAM	{ Engr.'s Office, L.B. and S.C. Ry., London Bridge, S.E.
1907 Jan. 8.	*DAVIDSON, WILLIAM ROBERT ..	{ Railway Engineer's Office, Dunedin, New Zealand.
1891 Mar. 3.	DAVIES, DAVID	Cowell House, Llanelly.
1910 Mar. 1.	DAVIES, ERIC, B.Sc. (<i>Glas.</i>) ..	{ George Pooley, Ashleigh, Woodham Road, Woking, Surrey.
1913 Apr. 22.	*DAVIES, IVOR PARRY	{ H.H. The Nizam's Guaranteed State Railways, Secunderabad, Deccan, India.
1895 Jan. 8.	DAVIES, JOHN HUBERT	Box 1386, Johannesburg, Transvaal.
1897 Apr. 6.	DAVIES, JOHN HUGH	Cymry, Mooropna, Victoria.
1908 Dec. 1.	*DAVIES, POWYS	Raipur, C.P., India.
1911 Dec. 5.	*DAVIES, RICHARD ARTHUR ..	Brook House, Saughall Rd., Chester.
1908 Apr. 7.	DAVIES, ROBERT HOSKINS ..	{ Clifton House, Arran Avenue, Brook- lands, Cheshire.
1906 Jan. 9.	{ *DAVIES, THEOPHILUS MAX- WELL, M.A. (<i>Cantab.</i>) }	{ C. F. Jackson & Co., 20 Redcross Street, Liverpool.
1912 Apr. 2.	DAVIES, THOMAS	{ 8 Cardiff Street, Aberdare, South Wales.
1876 Apr. 4.	DAVIES, THOMAS WILBERFORCE ..	41 Park Place, Cardiff.
1888 Dec. 4.	DAVIES, WILLIAM AUGUSTUS ..	{ Town Hall Chambers, High Street, Hounslow, W.
1896 Dec. 1.	DAVIES, WILLIAM PHILIP ..	{ Belle Vue, Horsted Keynes, East Grinstead.
1908 Dec. 1.	*DAVIS, ALFRED ARTHUR ..	{ Divl. Engr.'s Office, G.W. Ry., Shrewsbury.
1897 Apr. 6.	{ *DAVIS, CLEMENT FREDERICK, B.A. (<i>Cantab.</i>) }	{ Amblecote House, Brierley Hill, Staffs.
1906 Apr. 3.	DAVIS, FREDERICK GEORGE ..	Works Dept., Admiralty, S.W.
1875 Jan. 12.	DAVIS, HARRY LOUIS	1 Gilford Road, Deal, Kent.
1908 Dec. 1.	DAVIS, HENRY WHITWORTH ..	Egyptian State Railways, Cairo.
1905 Feb. 7.	*DAVIS, JOHN DARELAN DAVID ..	Llwynderi, Neath.
1911 Apr. 4.	DAVIS, STEPHEN EDWIN ..	{ Res. Engr.'s Office, North Basin, Hartlepool.
1911 Dec. 5.	DAVIS, VYVYAN OSWALD ..	57 Osborne Rd., Newcastle-on-Tyne.
1901 Dec. 3.	DAVIS, WILLIAM HARRY ..	{ 145 Calle Zabala, Monte Video, S. America.
1907 Dec. 3.	*DAVISON, ARTHUR	Springfield, Buttevant, co. Cork.
1891 Feb. 3.	*DAVISON, AUGUSTINE CAMPBELL ..	366 Camden Road, N.
1906 Dec. 4.	*DAVISON, ROBERT, B.E. (<i>Royal</i>) ..	County Surveyor, Limerick.
1903 Apr. 7.	*DAVSON, SIMON SILVER	{ Ministry of Public Works, Cairo, Egypt.
1913 Dec. 2.	*DAVY, HORACE FREDERICK ..	4 Denton Road, Stroud Green, N.
1891 Dec. 1.	*DAVY, JOHN	{ Rio City Improvements Co., Ltd., Caixa 403, Rio de Janeiro.

Date of
Election.

ASSOCIATE MEMBERS.

1892 Mar. 1.	DAVY, WILLIAM JAMES	{ Stalheim, Finchley Lane, Hendon, N.W.
1896 Feb. 4.	{ DAWBARN, GILBERT JOSEPH, B.Sc. (<i>Glas.</i>)	{ Wallaroo Mines, S. Australia.
1901 Mar. 5.	{ *DAWE, JOHN NANSCAWEN, B.Sc. (<i>Glas.</i>)	{ Cavendish House, Wadebridge, Cornwall.
1899 Feb. 7.	*DAWE, PHILIP HENRY	{ 150 Worple Road, Wimbledon, S.W.
1871 Apr. 4.	DAWNAY, ARCHIBALD DAVIS ..	{ Steelworks Road, Battersea, S.W.
1894 May 1.	*DAWNEY, ALBERT EDWARD ..	{ Rotha, Barns Green, Horsham.
1913 Dec. 2.	{ *DAWSON, ARTHUR LIONEL, BROWN	{ 6 St. Michael's Terrace, Headingley Leeds.
1905 Jan. 10.	{ DAWSON, GEORGE HERBERT, WRIGLEY, M.A. (<i>Cantab.</i>) ..	{ Woodlands, Horsforth, nr. Leeds.
1895 Feb. 5.	*DAWSON, JOHN SMITH	{ 56 Station Road, South Shore, Blackpool.
1913 Apr. 22.	{ *DAWSON, LIONEL EDWARD, B.A., B.A.I. (<i>Dubl.</i>)	{ Ardmore, Youghal, co. Cork.
1904 Jan. 12.	DAY, ARTHUR ALBERT	{ 4 College Road, Isleworth, Middlesex.
1899 Dec. 5.	{ *DAY, CLAUD ALBERT STAIN- TON	{ Famagusta, Cyprus.
1904 Dec. 6.	DAY, GEORGE ALBERT	{ British Thomson - Houston Co., Rugby.
1912 Dec. 3.	*DAY, HORACE CARDWELL ..	{ Green Lawn, Kylesmore Road, Oxtou, Birkenhead.
1903 Apr. 7.	*DEAKIN, GEORGE WELSBY ..	{ Boro' Engineer, Dewsbury.
1895 Jan. 8.	DEARDEN, HENRY	{ Town Hall, Birkenhead.
1905 Apr. 4.	DEBNEY, WILLIAM	{ 99 Queen St., Melbourne, Victoria.
1882 Dec. 5.	D'EBOO, CHARLES ABRAHAM ..	{ Trichinopoly, Madras, India.
1906 Apr. 3.	{ DE COURCY, HARRY FRANCIS, DOUGLAS	{ Res. Engr., Nelspruit - Sabie Ry., Nelspruit, Transvaal.
✠ 1898 Mar. 1.	DENPSTER, HERBERT GEORGE	{ 7 Knowe Terrace, Pollokshields, Glasgow.
1905 Mar. 7.	{ DENPSTER, THOMAS GRANT, B.Sc. (<i>Glas.</i>)	{ Saxonhurst, Whitworth Road, Bitterne Park, Southampton.
1895 May 21.	DENHAM, HENRY MANGLES ..	{ W. E. Denison, Ossington Hall Newark, Notts.
1886 Dec. 7.	*DENISON, GEORGE CHARLES ..	{ Glenroyd, Tenby, S. Wales.
1912 Feb. 6.	{ *DENNES, NORMAN, B.Sc. (<i>Engineering</i>) (<i>Lond.</i>)	{ 704/5 Salisbury House, E.C.
T ✠ 1905 Dec. 5.	DENNY, GEORGE ALFRED ..	{ 101 High Street, Dorking, Surrey.
1881 Jan. 11.	*DE SAUBERGUE, ARTHUR ..	{ Bengal-Dooars Ry., Nagrakata-Jalpaiguri District, India.
1910 Feb. 1.	DESBRUSLAIS, WILLIAM EUGENE	{ Rua do Imperador 8, Petropolis, Rio de Janeiro.
1885 Dec. 1.	DETSI, MIGUEL	{ City and Guilds College, South Kensington, S.W.
1911 Dec. 5.	{ *DEUCHAR, WILLIAM RENSNAW, B.Sc. (<i>Engineering</i>) (<i>Lond.</i>)	{ 16 Sandwith Road, Rangoon, Burma.
1889 Feb. 5.	{ *DEVÉRIA, LEWIS MARIE, THEODULE	{ Ardini, Fairdene Road, Conisdon, Surrey.
m 1897 Jan. 12.	*DE VILLE, MARTIN	{ 15 Lennox Row, Trinity, Edinburgh.
R 1912 Mar. 5.	{ *DEWAR, ALEXANDER, B.A. (<i>Cantab.</i>)	{ Ahmedabad, Bombay.
1899 Dec. 5.	{ DHIRAJRAM, HIMATLAL (<i>Rao Bahadur</i>)	{ 31 1st Marine Street, Dhobi Talao, Bombay.
1891 Dec. 1.	{ DHUNJIMHOY, RUTTONJI, Khan Sahib	{ Gaveston Place, Nuthurst, Sussex.
1888 Apr. 10.	DIBLEY, GEORGE	{ Imperial Maritime Customs, Shanghai, China [<i>via Siberia</i>].
1895 Dec. 3.	DICK, DAVID CRAWFORD	

Date of Election.		ASSOCIATE MEMBERS.	
1909 Dec.	7.	{ DICK, WILLIAM, B.Sc. (St. Andrews) }	{ Oficina del Ingeniero en Gefe, F.C.C.A., Bartolome Mitre 299, Buenos Aires.
m 1905 Dec.	5.	{ *DICKENSON, WALTER HENRY, B.Sc. (Durham) }	{ N.E. Ry., Res. Engr.'s Office, Tyne Dock, South Shields.
1912 Dec.	3.	{ *DICKINSON, ALEXANDER FRYEAR, B.Sc. (Engineering) (Lond.) }	{ c.o. J. Dickinson, 5 Sunnyside, Wimbledon.
1911 Dec.	5.	DICKINSON, CHARLES ALFRED	{ 3 Westbourne Grove, North Ormesby, Middlesbrough.
1888 Dec.	4.	DICKINSON, THOMAS RUSHOLM	26 High Petergate, York.
1910 Dec.	6.	DICKS, ALBERT EDWARD	20 Victoria Road, Bath.
1879 Dec.	2.	*DICKSON, JOHN	Glaidsdale Grange, Whitby.
1888 Dec.	4.	DIESELHORST, WILLIAM	182 Victoria Road, Charlton.
1905 Dec.	5.	*DIGBY, KENELM WILLIAM	Khargpur P.O., Midnapur, Bengal.
1881 Dec.	6.	DIGGLE, JAMES	Water Engineer, Heywood.
1907 Apr.	9.	DIGGLE, JAMES	{ Boro' and Water Engr., Town Hall, Hyde.
1907 Dec.	3.	DIGGLE, JAMES STANLEY	Oakhurst, Heywood, Lanes.
✠ 1900 Jan.	9.	{ *DILLEY, WILFRID JOSEPH, B.Sc. (Edin.) }	{ Engineering School, Ghizeh, Egypt.
1907 Apr.	9.	*DINES, CHARLES WILLIAM	{ 120 Thornlaw Road, West Norwood, S.E.
1912 Apr.	2.	{ DINES, LEWEN HENRY GEORGE, B.A. (Cantab.) }	{ The Observatory, Eskdalemuir, Langholm, Dumfries.
1906 Mar.	6.	*DISLEY, HERBERT ROSTRON	{ L. and Y. Ry., Engineer's Office, Hunt's Bank, Manchester.
1905 Dec.	5.	*DIXON, ERNEST	19 Queen Street, Oldham.
1911 Dec.	5.	DIXON, ERNEST CECIL	{ Cleveland Bridge and Engineering Co., Darlington.
1893 Jan.	10.	DIXON, FRANCIS EDWARD	Balmes 81, Barcelona, Spain.
1892 Dec.	6.	*DIXON, FREDERIC BRERETON	Ashurst Lodge, Lyndhurst, Hants.
1908 Dec.	1.	DIXON, JOHN HENRY	94 Erskine Hill, Golders Green, N.W.
1907 Apr.	9.	{ DIXON, JOHN HOWARD, B.A. (Cantab.) }	{ 6 Clorane Gardens, Platts Lane, Hampstead, N.W.
1906 Jan.	9.	*DIXON, JOHN LEONARD	H.M. Dockyard, Portsmouth.
1892 Dec.	6.	*DIXON, ROBERT BLAND, R.N.	{ Borough Surveyor, Stratford-on-Avon.
1896 Dec.	1.	DIXON, RODEN	{
✠ 1900 Dec.	4.	{ *DOAK, WALTER JAMES, B.E. (Sydney) }	{ Engineer's Office, Railway Dept., Brisbane, Queensland.
1904 Jan.	12.	DOBBIE, JOHN	Marchfield Road, Ayr, N.B.
1909 Apr.	6.	*DOBBS, CHARLES HERBERT	{ P.O. Box 766, New Westminster, B.C.
1908 Jan.	14.	*DOBREE, HATHERLEY MOOR	{ Port of London Authority, Res. Engr.'s Office, River Division, Victoria Embankment, E.C.
1897 Feb.	2.	{ *DOBSON, ARTHUR AUSTIN GREAVES }	{ c.o. H. A. Dobson, 75 Eaton Rise, Ealing, W.
1897 Feb.	2.	DOBSON, DOUGLAS	{ Town Clerk and Engineer, Westport, N.Z.
1906 Apr.	3.	*DOBSON, ERNEST	{ Chalgrove Lodge, Chalgrove Road, Sutton.
1904 Dec.	6.	{ *DOBSON, JOSEPH HENRY, M.Sc. (Manchester), M.Eng. (Liverpool) }	{ Transvaal University College, Johannesburg.
1883 Feb.	6.	*DOCKRAY, JOHN ARTHUR	Chelston Bank, Torquay.
1913 Feb.	4.	{ *DODD, ARTHUR HUGHES, B.Eng. (Liverpool) }	{ Peny-Bryn, Llangollen, North Wales.
1891 Jan.	13.	*DODD, FRANK WILLIAM	{ Whitehead Torpedo Works, Ltd., Weymouth.

Date of Election.		ASSOCIATE MEMBERS.	
1907 Dec. 3.	DODD, JOHN HUGH	Govt. Ry., Kingston, Jamaica.	
1913 Dec. 2.	DODDS, GEORGE WILLIAM ..	{ 8 Winchester Terrace, Newcastle-on-Tyne.	
1908 Apr. 7.	DODGEON, ARTHUR	{ 65 Whalley Road, Altham, Acce- rington.	
1894 Jan. 9.	*DODS, JOSHUA CHALMERS ..	450 Calle Maipu, Buenos Aires.	
1894 Mar. 6.	{ *DONALD, PATRICK DUNLOP, B.Sc. (Glas.)	16 Robertson Street, Glasgow.	
1905 Apr. 4.	*DONALD, ROBERT BUCHAN ..	Boro' Engr.'s Office, Huddersfield.	
1908 Apr. 14.	{ DONALD, WILLIAM FRANCIS MAXWELL, B.Sc. (Glas.) ..	14 Huntly Gardens, Glasgow.	
1906 Dec. 4.	DONALDSON, JOHN MUIR ..	The Old Rectory, St. Albans.	
1912 Apr. 2.	{ *DONKIN, CHARLES THOMAS BRODIE	St. Lawrence, Bexley, Kent.	
1910 Mar. 1.	{ *DONKIN, WILLIAM DALKEITH, B.E. (Sydney)	Lake Cowal, Wyalong, New South Wales.	
1889 Dec. 3.	{ DONOHUE, WILLIAM EDWARD, Major, Army Service Corps	St. Ives, South Farnborough.	
1902 Feb. 4.	*DORMOR, HENRY DUNCAN ..	{ 31 Westcombe Park Road, Black- heath, S.E.	
1883 Dec. 4.	*DOUGAL, ROBERT	{ 38 and 39 Parliament Street, West- minster, S.W.	
1914 Apr. 7.	*DOUGALL, PERCY	Blakebrook, Kidderminster.	
1894 May 1.	{ *DOUGLAS, ALEXANDER SHARP, Juni.	McIlwraith & Co., 7 Victoria Street, S.W.	
1894 Jan. 9.	*DOUGLAS, GORDON	Minas de Rio Tinto, Huelva, Spain.	
1885 May 5.	DOUGLAS, JOHN	c.o. Berners Press, Berners Street, W.	
1912 Feb. 6.	{ *DOUGLAS, JOHN ANGUS, B.Sc. (Engineering) (Lond.)	Dock Engineer's Office, Hull.	
1895 Feb. 5.	DOUGLASS, JAMES ROBERTSON	Harbour Engineer's Office, Dundee.	
1911 Dec. 5.	{ *DOUGLASS, PERCY CUTHBERT DOUGLASS	15 Victoria Street, S.W.	
1910 Apr. 5.	{ DOUGLASS, WILLIAM NICHOLAS GERALD, B.A.I. (Dubl.) ..		
1891 May 5.	DOVE, JOHN CHARLES	St. Nicholas Ironworks, Carlisle.	
† 1888 Feb. 7.	{ DOWDALL, WILLIAM MAC- DONNELL MITCHELL	Shanghai, China [via Siberia].	
1913 Dec. 2.	{ *DOWLEY, FRANCIS MICHAEL WALSHE	Annautapur, Madras, India.	
1897 Jan. 12.	DOWN, FREDERICK JONATHAN	{ Glengariff, Milton Road, Harpenden, Herts.	
1898 Mar. 1.	DOWNES, JAMES RATHBONE ..	{ Dalkey, Fairmount Road, Bexhill- on-Sea.	
t † 1887 Feb. 1.	{ *DOWNES, ROBERT HENRY BURNSIDE	Trustee Buildings, Barrack Street, Perth, Western Australia.	
1901 Apr. 23.	{ *DOWNIE, ANDREW MARSHALL, B.Sc. (Glas.)	7 Bute Mansions, Hillhead, Glas- gow.	
1889 Mar. 5.	{ DOWNING, ARTHUR JOSEPH, B.A.I. (Dubl.)	94 Lower Baggot Street, Dublin.	
1902 Apr. 8.	*DOWNSON, ERNEST McLEOD ..	Survey Dept., Giza Mudiria, Egypt.	
1897 Feb. 2.	*DOXAT, LOUIS CHARLES JOHN	Whiteways, Haslemere, Surrey.	
1893 Jan. 10.	{ DOYLE, KINSLEY DRYDEN, M.A., B.A.I. (Dubl.)	650 Calle 24 de Setiembre, Tuc- man, Argentina.	
1895 Feb. 5.	DRAKE, FRANCIS BRAGG ..	{ City Hall, Cape Town, South Africa.	
1911 Mar. 7.	*DRAPER, ALICK DABBY ..	{ Fern Cottage, Castle Hill, Maiden- head.	
1908 Apr. 14.	{ DRAPER, CHARLES FREDERICK, B.A.I. (Dubl.)	51 Trafalgar Avenue, Montreal, Canada.	
1908 Dec. 1.	DRAPER, JOSEPH	{ Council Offices, Saltburn-by-the- Sea.	
1900 Dec. 4.	DREWITT, HARRY WILLIAM ..	Minas de Rio Tinto, Huelva, Spain.	

Date of Election.	ASSOCIATE MEMBERS.	
1898 Dec. 6.	{ *DRIEBERG, JAMES ALFRED GRENIER }	P.W.D., Puttalam, Ceylon.
1901 Apr. 2.	{ DROX, ROBERT WILSON }	55 West Regent Street, Glasgow.
1902 Apr. 8.	{ DROUGHT, FREDERICK AINSLIE, B.E. (Royal) }	Dept. of Railways & Canals, Ottawa, Canada.
1903 Apr. 7.	{ *DROWN, ALFRED ERNEST }	Devon House, Carshalton, Surrey.
1910 Jan. 11.	{ *DRUMMOND, ANDREW, B.Sc. (Edin.) }	8 Eyre Crescent, Edinburgh.
1893 Dec. 5.	{ *DRUMMOND, HAWTREY MARKS }	Calama, via Antofagasta, Chile.
1903 Apr. 7.	{ *DRUMMOND, PETER, B.Sc. (Edin.) }	Khartum, Sudan.
1892 Dec. 6.	{ *DRURY, RICHARD FREDERICK }	Land Registry, 34 Lincoln's Inn Fields, W.C.
1914 Feb. 3.	{ DRYSDALE, JOHN WHITEHEAD WILSON, JIM., B.Sc. (Glas) }	3 Whittingehame Gardens, Glasgow.
1888 Mar. 6.	{ DUARTE, JOÃO RAYMUNDO }	General Pedra 95, Rio de Janeiro.
1906 Dec. 4.	{ *DU CANE, CHARLES GEORGE, B.A. (Cantab.) }	409 Cotton Bldg., Vancouver, B.C.
1912 Apr. 2.	{ *DUCKELS, GEORGE }	87 Mildred Avenue, Watford, Herts.
1914 Feb. 3.	{ *DUDGEON, ARTHUR, B.A. I (Dubl.) }	Kilsheelan, Cassiobury Park Avenue, Watford, Herts.
1904 Apr. 12.	{ *DUDLEY, ROLAND }	80 North Gate, Regent's Park, N.W.
1908 Apr. 7.	{ DUDLEY, WILLIAM ARTHUR }	Hydraulic Power station, Whit- worth Street W., Manchester.
1889 Dec. 3.	{ *DUFF, EDWARD JAMES }	Holly Lodge, Cressington Park, Liverpool.
1909 Dec. 7.	{ DUFF, WALTER NORWICH, B.A. (Cantab.) }	c.o. E. A. Duff, 22 Onslow Gardens, S.W.
1912 Apr. 23.	{ DUFFITT, MARMADUKE STEPHEN }	c.o. W. Duffitt, 12 Oliver Grove, South Norwood, S.E.
1889 Feb. 5.	{ DUFFY, RICHARD }	Calle Alvarez 2588, Buenos Aires.
1911 Apr. 4.	{ *DUGGAN, EDWIN MERLE, B.Sc. (Victoria) }	P.W.D., Karachi, India.
1905 Dec. 5.	{ DUGUID, ALEXANDER TURNER }	Grindlay & Co., Calcutta.
1905 Dec. 5.	{ DUGUID, WILLIAM MORRISON }	Estate Office, Appley Towers, Ryde, I.W.
1912 Jan. 9.	{ *DUKE, ARTHUR ROBERT AUBREY HARE, B.A. (Cantab.) }	Bokara Ramgarh Extension, P.O. Nowagarh, District Manbhoon, Bengal.
1898 Dec. 6.	{ *DUKE, AUDLEY MERVYN }	14 Bridge Road, Stockton-on-Tees.
1907 Dec. 3.	{ *DUKE, BASIL MICHAEL }	Little Haywood, Stafford.
1914 Apr. 21.	{ *DUNBAR, WILLIAM PATERSON, B.Sc. (Edin.) }	411 Howe Street, Vancouver, B.C.
1890 Dec. 2.	{ DUNCAN, ALFRED JOHN }	P.O. Box 16, Melbourne, Victoria.
1891 Jan. 13.	{ *DUNCAN, ANDREW }	P.O. Box 118, Rapid City, Manitoba, Canada.
1907 Apr. 9.	{ DUNCAN, HARRY }	44 Macoma Road, Plumstead, S.E.
1897 Jan. 12.	{ *DUNCAN, HERBERT ELLIS }	Humboldt Engineering Works, Harris Street, Bradford.
1908 Apr. 7.	{ DUNCAN, JOHN }	Asst. Engr., P.W.D., Hong Kong [via Sileria].
1907 Apr. 23.	{ *DUNCANSON, ALEXANDER WALKER, B.Sc. (Victoria), B.Eng. (Liverpool) }	
1910 Apr. 19.	{ *DUNDERDALE, ROLAND JOHN, B.A. (Cantab.) }	74 Francis Road, Birmingham.
1907 Mar. 5.	{ DUNELL, BERNARD }	C. W. Stancliffe & Co., Ltd., Van- couver, B.C.
1907 Feb. 5.	{ DUNLOP, JOHN CHRISTOPHER, B.Sc. (Glas.) }	R. & T. Elworthy, Ltd., Elisabeth- grad, Russia.
1876 Jan. 11.	{ *DUNN, EDWARD ALEXANDER }	65 Torrington Square, W.C.
1890 May 20.	{ DUNN, GEORGE BICKHAM }	Stevenage, Herts.
1910 Dec. 6.	{ *DUNN, JAMES, Jun. }	P.W.D., Rangoon, Burma.

Date of
Election.

ASSOCIATE MEMBERS.

✠ 1885 Jan. 13.	DUNN, PETER LIVINGSTON ..	{ 338 Pine Street, San Francisco. U.S. (Clutha, San Francisco.)
1888 Mar. 6.	DUNPHY, AUGUSTINE LOUIS ..	{ South Metropolitan Gas Co., 709 Old Kent Road, S.E.
1913 Apr. 22.	DUNSDON, ARTHUR CLHAM ..	{ Asst. Engr., East Indian Ry., Calcutta.
1911 Dec. 5.	{ *DUNSHEATH, PERCY, B.Sc. (Engineering) (Lond.). B.A. (Cantab.) }	{ Engr.-in-Chief's Office, General Post Office, E.C.
1905 Apr. 11.	*DUNWOODY, ROBERT BROWNE	{ Parliament Mansions, Victoria Street, S.W.
1907 Dec. 3.	DUPRÉ, HENRY AUGUSTUS ..	{ Electrical Standards Laboratory, Ottawa, Canada.
1887 Dec. 6.	DUQUEMIN, JAMES HENRY ..	{ 65 Victoria Road, Guernsey.
1899 Dec. 5.	*DURHAM, FRANK ROGERS ..	{ Fairhaven, Salcombe, S. Devon.
1900 Dec. 4.	*DURIE, GEORGE ARTHUR ..	{ Pegu, Burma.
1912 Apr. 2.	DURKIN, FRANCIS	{ Southfield, Eldon Grove, West Hartlepool.
1894 Mar. 6.	DURLACHER, ALEXANDER PERCY	{ 15 New Bridge Street, Ludgate Circus, E.C. (City 6888.)
1914 Feb. 3.	DURRELL, LAWRENCE SAMUEL	{ Butthidunug, via Akyab, Burma. India.
1912 Mar. 5.	*DUTTON, GEORGE EDWARD ..	{ Easton Gibb & Son, Ltd., H.M. Dockyard, Rosyth, N.B.
1884 May 27.	DUTTON, SAMUEL TELFORD ..	{ Marl Bank, Worcester.
1893 Jun. 10.	DUXBURY, THOMAS	{ 17 Grosvenor Chambers, Deansgate, Manchester. (Darwinian, Man- chester. 1806.)
1887 Dec. 6.	{ DWYER, FREDERICK LAW, B.A. (Dubl.) }	{ H. L. Dwyer, No. 2 Survey Camp, P. O. Munnik, Transvaal.
1911 Dec. 5.	*DYER, ARTHUR FREDERICK ..	{ Res. Engr.'s Office, I.C.R. Deep Water Terminals, Halifax, N.S., Canada.
1903 Jan. 13.	*DYER, ARTHUR REGINALD ..	{ Divisional Officer, London Fire Brigade, Euston Square, N.W.
1895 Jan. 8.	*DYKES, ALFRED HERBERT ..	{ 11 Victoria Street, S.W.
1911 Dec. 5.	{ *DYMCK, JOHN DOBIE HALLI- DAY, B.Sc. (Glas.) }	{ Engr.'s Office, United Railways, Havana, Cuba.
✠ 1891 Feb. 3.	*DYMOND, EDMUND ROBERT ..	{ Hampton Grange, Hereford.
1908 Dec. 1.	*DYSON, ARTHUR	{ 352 Gillott Road, Edgbaston, Bir- mingham.
1910 Apr. 5.	*DYSON, HUBERT	{ District Engr., Lautoka, Fiji Islands.
1910 Apr. 5.	EADIE, JAMES DONALD	{ Ross & Macdonald, Traders' Bank Buildings, Toronto, Canada.
1891 May 5.	EARL, HENRY DOUGLAS	{ The Gables, Wolverton, Bucks
1887 Dec. 6.	*EARLY, SYDNEY CHARLES ..	{ Continental Ice Co., Boulogne-s/Mer.
1880 Apr. 6.	EARNSHAW, JOHN THOMAS ..	{ Borough Surveyor, Ashton-under-Lyne.
1907 Dec. 3.	*EAST, ALFRED TOMLIN	{ Municipal Offices, Bombay.
1883 May 29.	EAST, ROWLAND HARRY	{ F. C. Puira, Païta, Peru.
1867 Dec. 3.	EASTMAN, THOMAS	{ Valparaiso, Chile.
1909 Dec. 7.	{ *EASTON, FRANK STEWART, B.Sc. (Glas.) }	{ British Columbia Electric Ry. Co., Ltd., Vancouver, B.C.
1891 Mar. 3.	*EASTON, JAMES RAMMELL ..	{ 3 Hillcroft Crescent, Ealing, W
1911 Dec. 5.	EASTON, JOHN DALGLEISH ..	{ Harbour and Dock Offices, Leith.
1867 Dec. 3.	EASTON, JOHN MARSHALL ..	{ Tordarroch, Helensburgh, N.B.
1914 Feb. 3.	*EASTON, PERCY TUCKER	{ P. O., Qunu, Tembuland, S. Africa.

Date of Election.		ASSOCIATE MEMBERS.	
1905 Dec.	5.	EASTWOOD, JAMES	{ 21 Hollins Bank, Sowerby Bridge, Yorks.
1902 Dec.	2.	EASTWOOD, WILLIAM	{ Thorne Leigh, Old Road, Stanning-leigh, Leeds.
1885 Dec.	1.	EATON-SHORE, GEORGE	{ Borough Surveyor, Crewe.
1910 Dec.	6.	*EATON-SHORE, JOHN JAMES ..	{ P.W.D., British Guiana.
1907 Apr.	9.	EAYES, THOMAS WILLIAM ..	{ City Engr.'s Office, Council House, Birmingham.
1912 Dec.	3.	{ *ECCLES, WILLIAM, M.Sc. (<i>Manchester</i>)	{ 15 High Lane, Chorlton-cum-Hardy, Manchester.
1878 Feb.	5.	ECKSTEIN, WILLIAM	{ 187 Union Street, Borough, S.E.
1906 Feb.	6.	*ECROYD, FREDERICK THOMAS	
1912 Jan.	9.	*EDE, CECIL BURTON	{ E. W. Dixon, 3 East Parade, Leeds.
1883 Dec.	4.	*EDE, FRANCIS JOSEPH	{ Silchar, Cachar, India.
1899 Feb.	7.	*EDE, HAINES BREEBAART ..	{ Whitehall Club, Horseguards Avenue, S.W.
1907 Dec.	3.	{ EDE, STUART STRICKLAND MOORE	
1914 Jan.	13.	*EDEN, CHRISTOPHER GABRIEL.	{ Hans Renold, Ltd., Manchester.
1899 Apr.	11.	EDEN, EDGAR MARK	{ 25 Coquet Terrace, Heaton, Newcastle-on-Tyne.
1907 Dec.	3.	{ EDGE, CHARLES NOEL, B.A. (<i>Cantab.</i>)	{ Hongkong and Shanghai Banking Co., Shanghai, China [<i>via Siberia</i>].
1914 Apr.	7.	{ EDGE, RALPH THOMAS, B.A. (<i>Oxon.</i>)	{ Behereh Projects Office, P.W.D., Alexandria, Egypt.
1895 Dec.	3.	EDGELL, ROBERT GORDON ..	{ Bradwardine, Bathurst, N.S.W.
m + 1883 May	29.	*EDINGER, WILLIAM HENRY ..	{ 3 Fenchurch Avenue, E.C.
1901 Jan.	8.	{ EDMONDSON, ALFRED RICHARD, M.Sc. (<i>Victoria</i>)	{ Ribble House, Bank Hall Lane Hale.
1895 Feb.	5.	*EDMONDSON, JOHN ALFRED ..	{ Cowlishaw, Walker & Co., Etruria, Stoke-on-Trent.
1910 Jan.	11.	EDMUNDS, HOWARD MAURICE	{ Parliament Mansions, Victoria St., S.W.
1910 Dec.	6.	*EDRIDGE, WALTER HENRY ..	{ Cie. Gle. de Distribution d'Energie Electrique, 31 rue Trousset, Paris.
1912 Jan.	9.	*EDSON, GEORGE EWART	{ Heathfield, College Road, Ripon.
1896 Jan.	14.	EDWARDES, CHARLES ARTHUR	{ Ry. Construction Branch, P.W.D., Sydney, N.S.W.
1883 Feb.	6.	EDWARDS, ANGELO EMANUEL	{ 19 Clifford St., Paisley Rd., Glasgow.
1900 Dec.	4.	{ EDWARDS, CHARLES WALTER, B.A.I. (<i>Dubl.</i>)	{ Paya Mass Rubber Estate, c.o. Jasson Estate, Malacca, F.M.S.
1906 Dec.	4.	EDWARDS, DAVID	{ Municipal Bldgs., Taunton.
1902 Mar.	4.	EDWARDS, EDGAR JAMES ..	{ 13 Acris Street, Wandsworth Common, S.W.
1905 Dec.	5.	{ *EDWARDS, ERNEST WILLIAM JOHN	{ c.o. Director of Survey, Zungeru, Northern Province, Nigeria.
1906 Dec.	4.	*EDWARDS, GERALD THORNHILL	{ Waterworks Office, Bowling Green Street, Leicester.
1907 Mar.	5.	{ *EDWARDS, HENRY ARTHUR ROLLESTON	{ E.I. Ry., Calcutta.
1896 May	19.	EDWARDS, HENRY CLAUDE JOHN	{ Town Hall, Brixton Hill, S.W.
1895 May	21.	EDWARDS, HERBERT FRANCIS..	{ 104 Stanwell Road, Penarth, Cardiff
1886 Dec.	7.	{ *EDWARDS, OSBORNE ANTHONY GEORGE	{ L. & S.W. Ry., District Engr.'s Office Queen Street Station, Exeter.
1907 Dec.	3.	*EDWARDS, RONALD WILLIAM..	{ 8 London Road, Newark.
1909 Apr.	6.	*EDWARDS, WASHINGTON ERNEST	{ 1 Carlton Terrace, Child's Hill, N.W.
1890 Jan.	14.	{ *EDWARDS, WILLIAM BEN, B.E. (<i>Royal</i>)	{ 26 Burdon Terrace, Jesmond, Newcastle-on-Tyne.
1897 Mar.	2.	*EDWARDS, WILLIAM JAMES ..	{ Taff Vale Ry., Engineer's Office, Cardiff.
1881 May	31.	*EGERTON, ROBERT WALTER ..	{ Stansty Lodge, Wrexham.

Date of Election.	ASSOCIATE MEMBERS.	
1900 Jan. 9.	*ELCE, WILLIAM HENRY	Boro' Engineer, Bacup.
1907 Dec. 3.	*ELDER, ARTHUR SYDNEY WELSH	{ F.C.B.A.P., Calle Florida 783 Buenos Aires.
1906 Dec. 4.	*ELDER, JOHN LOCKHART	{ The Municipality, Damanhour, Egypt.
1880 Dec. 7.	ELDRIDGE, JAMES	{ Gasworks, Oxford.
1910 Feb. 1.	ELIOT, MARK ERSKINE YORKE	{ Shottery, Stratford-on-Avon.
1885 Dec. 1.	*ELIOTT, GILBERT FRANCIS	{ Marine Dept., Brisbane, Queensland.
1906 Apr. 10.	*ELKINGTON, VIVIAN	{ Dover Iron Foundry, Dover.
1881 Mar. 1.	ELLERY, CHARLES STAFFORD ..	{ Gas L. & C. Co., Upper Bristol Road, Bath.
1907 Feb. 5.	{ *ELLINGTON, NOEL BAYZAND, B.A. (<i>Cantab.</i>)	{ 62 Watergate Street, Chester.
1886 Dec. 7.	*ELLIOT, GODFREY TURNBULL	{ 165 Great Dover Street, S.E.
1913 Dec. 2.	ELLIOTT, AUSTIN HOOTON	{ Engr. and Surveyor to the U.D.C., Carlton, Notts.
1912 Apr. 23.	*ELLIOTT, BERTRAM WARREN	{ Engr.'s Office, P.W.D., Livingstone, Northern Rhodesia.
1901 Dec. 3.	ELLIOTT, JOHN ROBERT	{ Burton Buildings, Parliament St., Nottingham.
1908 Mar. 3.	{ *ELLIOTT, STANLEY STEUART, B.Sc. (Engineering) (<i>Lond.</i>), B.A. (<i>Cape</i>)	{ Royapuram, Madras & Southern Mahratta Ry., Madras.
1907 Jan. 8.	{ *ELLIOTT-COOPER, MALCOLM, M.A. (<i>Cantab.</i>)	{ G.I.P. Ry., Devlali, Bombay Pre- sidency, India.
1910 Apr. 5.	ELLIS, BERNARD FEMBERTON ..	{ Rendel, Palmer & Tritton, 13 Dart- mouth Street, Westminster, S.W.
1896 Dec. 1.	*ELLIS, BERTRAM WYBURNE ..	{ Bigfrith End, Cookham Dean, Berks.
1909 Dec. 7.	{ *ELLIS, HENRY EDWARD THOMPSON	{ 42 Pembroke Square, Kensington, S.W.
1907 Feb. 5.	*ELLIS, HORACE WILLIAM	{ City Engr.'s Office, Town Hall, Sheffield.
1910 Mar. 1.	*ELLIS, JOHN	{ Room 17, Inns of Court, Vancouver, B.C.
1908 Dec. 1.	*ELLIS, JOHN ATTWILL	{ Rosemount, Arbroath, N.B.
1909 Dec. 7.	*ELLIS, JOHN NEWMAN	{ G.W. of Brazil Ry. Co., Pernambuco.
1914 Feb. 3.	*ELLIS, JOSEPH ARTHUR	{ Railway Station, Emerald, Queens- land.
1911 Apr. 4.	ELLIS, SIDNEY JOHN	{ 3 Norwood Villas, Waterworks Road, Edgbaston, Birmingham.
1905 Apr. 4.	ELLISON, ARTHUR REGINALD ..	{ Cammell Laird & Co., Ltd., Birken- head.
1905 Dec. 5.	ELLISON, DAVID	{ Borough Engineer's Office, West Bromwich.
1904 Apr. 12.	ELLSON, ARTHUR	{ 56 Derbyshire Lane, Stretford, Manchester.
1911 Mar. 7.	*EL-MOWELHY, ABDEL LATIF	{ Mohamed Aly Street, Cairo, Egypt.
1891 May 5.	ELMS, FRANCIS	{ G.W. Ry., Engr.'s Office, Plymouth.
1906 Dec. 4.	*ELSDEN, FRANK VINCENT	{ Grindlay, Groom & Co., Bombay.
1902 Apr. 8.	EMERSON, JOHN WILLIAM SLOAN	{ 2 Sinclair Road, West Kensington, W.
1911 Apr. 4.	EMERSON, LOUIS PERROTTET	{ Irrigation Dept., Trincomalee, Ceylon.
1896 Mar. 3.	*EMTAGE, RAYMOND HOWARD ..	{ 14 James St., Bridgetown, Barbados.
1887 Apr. 5.	*ENFIELD, Viscount	{ 5 St. James's Square, S.W.
1911 Feb. 7.	*ENGHOLM, FRANK GOLDIE	{ 408 Carter-Cotton Building, Van- couver, B.C.
1892 Jan. 12.	*ENGLISH, BERTRAM WILLIAM	{ M. T. Shaw & Co., Ltd., West Ferry Road, Millwall, E.
1914 Jan. 13.	*ENGLISH, GUY WHYTEHEAD ..	{ 8 Ashgate Road, Sheffield.
1892 Dec. 6.	*ENNIS, THOMAS FREDERICK ..	{ Platt Grange, Borough Green, Kent.
1905 Feb. 7.	{ ENNIS, THOMAS STANISLAUS, B.E. (<i>Royal</i>)	{ Naul Park, Balbriggan, Ireland.
1881 Feb. 1.	ENNOR, CHARLES JOHN	{ Hollywood, Liskeard, Cornwall.

Date of Election.	ASSOCIATE MEMBERS.	
1908 Dec. 1.	EPTON, WILLIAM MARTIN ..	{ Mumford's Chambers, Stanley Avenue, Salisbury, Rhodesia.
1900 Jan. 9.	*ERAUT, WALTER	116 Croydon Road, Anerley, S.E.
1896 Jan. 14.	*ERICHSEN, FREDERIK OLE ..	14 Vale Avenue, Chelsea, S.W.
1906 Dec. 4.	{ ESPINASSE, JAMES, B.A., B.A.I. (<i>Dubl.</i>) }	{ Irrigation Dept., Box 528, Bloemfontein, O.F.S.
1900 Feb. 6.	ESSEX, ERNEST HENRY	Engr.'s Office, Town Hall, Leyton, E.
1896 Dec. 1.	{ *ESTLER, PAUL TRAUGOTT JULIUS }	{ Meadowcroft, Grove Park, Wanstead, N.E.
1893 Apr. 5.	{ EUSTICE, Professor JOHN, B.Sc. (Engineering) (<i>Lond.</i>) }	Hartley University College, Southampton.
1914 Feb. 3.	*EVANS, ALBERT LEONARD ..	{ Mechanical Engineering Dept., Royal Arsenal, Woolwich, S.E.
1887 Dec. 6.	*EVANS, EDGAR IVOR	District Council, Penarth, Cardiff.
R 1910 Dec. 6.	{ *EVANS, EDWARD ARTHUR, B.Sc. (<i>Wales</i>) }	Frondeg, Carnarvon.
1892 Mar. 1.	EVANS, EVAN	County Surveyor, Carnarvon.
1908 Dec. 1.	*EVANS, FRANK DUDLEY	{ 23 Clanricarde Gardens, Hyde Park, W.
1892 Mar. 1.	EVANS, WILLIAM	New Walk, Beverley, Yorks.
1908 Apr. 7.	EVERALL, WILLIAM TEAGUE ..	N.W. State Ry., Lahore, India.
1905 Dec. 5.	{ *EVERARD, BERNARD, M.A. (<i>Cantab.</i>) }	6 Millstone Lane, Leicester.
1910 Dec. 6.	EVERARD, ROBERT	Alwaye, Travancore, S. India.
1910 Feb. 1.	*EVERETT, PERCY NEWTON ..	{ 8 Beaumont Terrace, Jarroo-on-Tyne.
1908 Apr. 7.	EVETTS, GEORGE	{ 149 Ribblesdale Road, Thrale Road, Streatham, S.W.
1900 Dec. 4.	*FABER, EDWARD GREY	{ Engineer's Office, London County Council, Spring Gardens, S.W.
1911 Dec. 5.	{ *FABER, OSCAR, B.Sc. (Engineering) (<i>Lond.</i>) .. }	Colls & Sons, 5 Coleman Street, E.C
1904 Jan. 12.	*FADELLE, JOSEPH EDWARD ..	{ c.o. Scrutton, Sons & Co., 16 Fenchurch Avenue, E.C.
1897 Jan. 12.	FAIRBAIRN, ADAM MAITLAND ..	89 Onslow Gardens, S.W.
1914 Mar. 3.	{ *FAIRBURN, CHARLES EDWARD, M.A. (<i>Ozon.</i>) }	545 Manchester Road, Bradford.
1893 Jan. 10.	{ *FAIRGRIEVE, EDGAR HUNTER, B.Sc. (<i>Edin.</i>) }	{ Mrs. Baxter, 6 Cambridge Street, Edinburgh.
1891 Feb. 3.	*FAIRHOLME, FREDERICK CHARLES	{ Thos. Firth & Sons, Ltd., Norfolk Works, Sheffield.
1912 Apr. 2.	{ *FAIRWEATHER, WILLIAM GEMMEL, B.Sc. (<i>St. Andrews</i>) }	Livingstone, North-Western Rhodesia.
1908 Apr. 7.	FALCONER, CHARLES ALEXANDER	21 West Mayfield, Edinburgh.
1904 Feb. 2.	*FALK, EDWARD	{ Junior Army and Navy Club, Horseguards Avenue, S.W.
1912 Jan. 9.	*FALLOWFIELD, JOHN BURTON.	Council Offices, Church, Lanes.
1906 Dec. 4.	*FANE, ARTHUR GEORGE CECIL	Gurdaspur, Punjab.
1907 Mar. 5.	{ FARRIS, ROMNEY ROBINSON, B.A., B.A.I. (<i>Dubl.</i>) }	Naval Base, Rosyth, N.B.
1906 Dec. 4.	{ FARMER, CHARLES RUDOLPH STAHEL }	{ Bengal - Nagpur Ry., Khargpur, India.
1892 May 24.	{ *FARQUHARSON, THOMAS, B.Sc. (<i>Edin.</i>) }	Rosario Nitrate Co., per Gildemeister & Co., Iquique, Chili.
1892 May 3.	{ *FARR, Professor CLINTON COLERIDGE, D.Sc. (<i>Adelaide</i>) .. }	Canterbury College, Christchurch, N.Z.
✠ 1892 Feb. 2.	FARR, WILLIAM BEAN	{ Homecroft, Wantage Road, Northampton.

Date of
Election.

ASSOCIATE MEMBERS.

	1904 Apr. 12.	*FARRANT, HENRY, B.A. (<i>Cantab.</i>)	Chinese Government Rys., Tientsin [<i>via</i> Siberia].
	1907 Jan. 8.	*FARRANT, WILLIAM	Irrigation Dept., Cradock, Cape Colony.
	1903 Apr. 7.	FARRAR, HAROLD, M.Sc. (<i>Victoria</i>)	G.C. Ry., Grimsby Docks.
	1908 Dec. 1.	FARRAR, WALTER	Municipal Offices, Rise Lane, Tod- morden.
	1908 Feb. 4.	*FARRELL, CHARLES ARTHUR RICHARDS, B.Sc. (<i>Edin.</i>) .. .	Town Hall, Port of Spain, Trinidad.
m ✦	1896 May 19.	*FARRELL, RICHARD CRAIG .. .	248 West George Street, Glasgow.
	1899 Feb. 7.	FARRINGTON, THOMAS BOOTH .. .	Trinity Square, Llandudno.
	1894 May 1.	*FARRINGTON, WILLIAM	Urban District Council, Woodford.
	1913 Apr. 22.	FARRINGTON, WILLIAM PRICE .. .	Reigate Hill, Reigate, Surrey.
	1904 Jan. 12.	*FARWELL, GEORGE DOUGLAS .. .	11 Laura Place, Bath.
	1913 Jan. 14.	*FAWCETT, PHILIP NORRISON .. .	{ Engr.'s Dept., Hai-Ho (Pei-Ho) Conservancy, Tientsin, N. China [<i>via</i> Siberia].
	1889 May 21.	*FAWCUS, ALFRED	Backworth, Rosebank, Natal.
	1907 Apr. 9.	{ FAWKES, RUPERT EDWARD FRANCIS	Sudan Govt. Rys., Khartoum, Sudan.
	1908 Dec. 1.	*FEA, EDWARD ERRINGTON .. .	Louvain Lodge, West Hartlepool.
	1909 Dec. 7.	{ FEARFIELD, JOSEPH, B.A. (<i>Cantab.</i>)	Jodhpur, Rajputana, India.
	1900 Apr. 3.	FELKIN, LEONARD GEORGE .. .	{ Topham, Jones & Railton, Ltd., Goodwick, Pembrokeshire.
	1896 Feb. 4.	FELL, GEORGE NOBLE	17 Victoria Street, S.W.
	1884 Dec. 2.	FENDER, DAVID THOMAS	14 Hearnville Road, Balham, S.W.
	1913 Apr. 22.	{ *FENDICK, ALBERT CHITTY, B.Sc. (Engineering) (<i>Lond.</i>) }	Rock Villa, Ebbw Vale, Mon.
	1914 Feb. 3.	{ *FENWICK, ARTHUR HEARLE, B.Sc. (Engineering) (<i>Lond.</i>) }	Hankow-Canton Ry., Hankow, China.
	1911 Jan. 10.	FERGUSON, ANDREW BAINBRIDGE .. .	{ c.o. Engr.-in-Chief, South African Rys., Johannesburg.
	1910 Dec. 6.	{ FERGUSON, ARTHUR LINDO, B.A., B.A.I. (<i>Dubl.</i>)	37 Belsize Park, Hampstead, N.W.
	1910 Dec. 6.	FERGUSON, DAVID	Dunrowan, Falkirk.
R	1912 Dec. 3.	*FERGUSON, JAMES	{ Surveyor-General's Office, Colombo, Ceylon.
	1913 Apr. 22.	*FERGUSON, SAMUEL	{ Mrs. Boltwood, Burnt Mill, Harlow, Essex.
	1908 Feb. 4.	FERNIE, FREDERICK	Allermuir, Albany Avenue, Prescott.
	1884 Dec. 2.	{ *FERREIRA, EDUARDO DE MORAES GOMES	Pernambuco, Brazil. [Lancs.]
	1868 May 5.	FERREIRA, JOÃO NERI	Rio de Janeiro.
✦	1907 Dec. 3.	{ FERREIRA, LUIZ DE MORAES GOMES	Oldbury, Hayes End, Middlesex.
	1905 Feb. 7.	{ *FERRO, DON ERNESTO, D.Sc., B.A. (<i>Colombia</i>) .. .	Apartado 257, Bogota, Colombia [<i>via</i> New York]. (Ferro, Bogota.)
	1902 Dec. 2.	FERRY, CLEMENT BEAUMONT .. .	Calle Cangallo 536, Buenos Aires.
	1891 Dec. 1.	*FESTA, GIULIO	58 Victoria Street, S.W.
	1906 Apr. 3.	FETTES, JAMES DOLLERY .. .	{ Municipal Engr.'s Office, Penang, S.S.
	1908 Dec. 1.	{ *FIELD, KENNETH ALEXANDER PERROTT	Miss Frances, 3381 Echeverria, Bel- grano, Buenos Aires.
	1904 Jan. 12.	{ *FIELD, WILLIAM ROBERT, F.C.H.	Trelana, Bude, N. Cornwall.
	1882 Dec. 5.	*FIELDEN, EDWARD BROCKLEHURST .. .	Condover Hall, Shrewsbury.
	1911 Apr. 4.	{ FILLINGHAM, JOHN THOMAS DUNGATE	Engr.'s Office, London County Coun- cil, Spring Gardens, S.W.
	1912 Apr. 2.	{ FINCH, ALFRED HENEAGE, M.A. (<i>Cantab.</i>)	6 Hood Street, Newcastle-on-Tyne.
	1892 Feb. 2.	FINCH, ALFRED ROBERT	Town Hall, Kensington, W.

Date of Election.	ASSOCIATE MEMBERS.	
1902 Dec. 2.	FINCH, ERNEST EDWARD	{ Harlow, Fullers Road, South Woodford, N.E.
1897 Dec. 7.	{ FINCH, HENEAGE WYNNE, M.A. (<i>Oxon.</i>) }	
1908 Dec. 1.	{ *FINCH, WILFRED HENRY MONTGOMERY }	Betul, C.P., India.
1888 Jan. 10.	FINDLAY, GEORGE JAMES	Glanvrafon, near Wrexham.
1892 Dec. 6.	*FINDLAY, ROBERT	Board of Works, The Green, Eltham.
1895 May 21.	*FINLAISON, HARRY GLEN	P.W.D., Cairo, Egypt.
1913 Dec. 2.	{ *FINLAYSON, ALEXANDER MACARTHUR }	Juramento 3653, Belgrano F.C.R., Buenos Aires.
1882 May 2.	FINNEY, JAMES BABBETT	P.O. Box 16, Georgetown, Demerara.
1900 Feb. 6.	FIRR, TOM FREEMAN	{ P.W.D., Zomba, British Central Africa.
1884 Dec. 2.	*FIRTH, GEORGE SEPTIMUS	Rev. W. A. Firth, Westfield Vicarage, Battle, Sussex.
1883 Dec. 4.	*FIRTH, SYDNEY	{ 38 Bernard Street, Russell Square, W.C.
1904 Jan. 12.	*FIRTH, WILLIAM JAMES	{ 1 Shaftesbury Avenue, Street Lane, Leeds.
1886 Mar. 2.	FISH, ROBERT	{ Newport Villa, York Avenue, East Cowes, I.W.
1908 Dec. 1.	*FISHER, KENNETH, M.A. (<i>Cantab.</i>)	93 Bedford Court Mansions, W.
1891 Apr. 7.	*FISHER, WILLIAM DIXON	{ 15 Laidlaw Buildings, Singapore, S.S.
1907 Dec. 3.	FITCH, WILLIAM JOSHUA	101 Walsworth Road, Hitchin.
1909 Apr. 20.	{ *FITT, EDWARD MCCARTHY, B.Sc. (<i>Bristol</i>) }	E. Nuttall & Co., West Holborn, South Shields.
1890 Feb. 4.	*FITT, JOHN EDWARD	{ Irrigation Dept., P.O. Box 528, Bloemfontein, O.F.S.
1889 May 7.	FITZGERALD, GERALD	P.O. Box 461, Wellington, N.Z.
1909 Dec. 7.	{ FITZGERALD, HERBERT DAVID, B.A.I. (<i>Dubl.</i>) }	Royal State Rys., Southern Line, Singora, Siam.
1876 Dec. 5.	{ *FITZGERALD, MAURICE FRED- ERICK, B.A. (<i>Dubl.</i>) }	Fairholme, Monkstown, co. Dublin.
1890 Dec. 2.	FITZ-GERALD, ROBERT DAVID	{ Roads and Bridges Dept., Sydney, N.S.W.
1905 Dec. 5.	{ FITZHERBERT, JOHN ROBERT FREDERICK }	Lower Jhelum Canal, Sargodha, Punjab.
1905 Dec. 5.	{ *FITZSIMONS, HERBERT WALTER, B.Sc. (<i>Engineering</i>) (<i>Lond.</i>) }	John J. Webster, 39 Victoria Street, S.W.
1893 May 16.	FLACH, JAMES	{ 50 Calthorpe Road, Edgbaston, Birmingham.
1911 Apr. 4.	{ *FLANAGAN, JOHN HENRY WOULFE }	21 Tedworth Square, Chelsea, S.W.
1910 Apr. 5.	FLANNERY, HAROLD FORTESCUE	Wethersfield Manor, Essex.
1889 Dec. 3.	*FLAVELLE, ALBERT EDWARD	Lucerne, Mosman, Sydney, N.S.W.
1890 Dec. 2.	FLAVIN, WILLIAM RICHARD	6 & 7 Clive Street, Calcutta.
1894 Jan. 9.	FLEMING, GEORGE EDWARD	{ Dewrance & Co., 79 West Regent Street, Glasgow.
1904 Jan. 12.	{ FLEMING, SAMUEL HENRY, B.A., B.E. (<i>Royal</i>) }	18 Lansdowne Crescent, Portrush.
m 1913 Mar. 11.	{ *FLETCHER, ALFRED EDGAR, B.Sc. (<i>Leeds</i>) }	Thos. Cook & Son, Bombay.
1908 Apr. 7.	FLETCHER, AUBREY	{ City of Lond. Elec. Lighting Co., Ltd., 64 Bankside, S.E.
f m 1911 Feb. 7.	*FLETCHER, BASIL PROCKTER	{ 22 The Drive, Gosforth, Newcastle-on-Tyne.
1894 May 1.	*FLETCHER, BERNARD MORLEY	12 Vale Avenue, Chelsea, S.W.
1910 Apr. 5.	*FLETCHER, DONALD CORBET	{ Knottingley, Stretford Road, Urmston, Manchester.
1908 Apr. 7.	FLETCHER, FRANK PURSER	H.M. Dockyard, Chatham.

Date of
Election.

ASSOCIATE MEMBERS.

	1891 May 5.	*FLETCHER, GEORGE EDWIN ..	77 King Street, Manchester.
	1897 Dec. 7.	*FLETCHER, HERBERT PHILLIPS	29 New Bridge Street, E.C.
	1906 Dec. 4.	FLETCHER, JAMES	{ 15 Fox Road, West Bridgford, Nottingham.
	1887 May 24.	FLETCHER, JOHN	Boro' Engr., Durban, Natal.
	1892 Dec. 6.	*FLETCHER, PATRICK	Bulawayo, Matabeleland.
	1891 Dec. 1.	*FLETCHER, ROBERT ALEXANDER	Bulawayo, Matabeleland.
	1911 Apr. 4.	FLETCHER, ROLAND	{ The Lindens, Droitwich Road, Worcester.
	1908 Dec. 1.	FLETCHER, THOMAS	Minas de Rio Tinto, Huelva, Spain.
	1905 Dec. 5.	*FLINT, FRANK DEAN	{ Thos. Cook & Son, P.O. Box 78, Rangoon, Burma.
	1899 Apr. 11.	{ *FLOOD, JOHN GARNAR, M.A. (<i>Contab.</i>)	{ National Transcontinental Railway, Quebec, Canada.
	1897 Apr. 6.	*FLOWER, ERNEST HUBERT	King, King & Co., The Fort, Bombay.
	1907 Apr. 23.	*FLOWERDEW, SPENCER PELHAM	O. & R. Ry., Lucknow, India.
	1904 Apr. 19.	FOLK, SAMUEL MARK	{ 152 Broadhurst Gardens, West Hampstead, N.W.
	1906 Apr. 3.	FONTAINE, HERBERT JAMES ..	Town Hall, Hull.
	1888 Mar. 6.	*FORBES, ANDREW	2 The Grove, Hampstead, N.W.
	1896 Mar. 3.	*FORBES, HENRY KEITH	{ Swanston House, Chudleigh, Devon.
	1873 May 6.	FORD, ARCHIBALD HENRY ..	11 High Street, Portsmouth.
	1892 May 24.	{ *FORD, CHARLES FREDERICK VERNON	{ Marehay Main Colliery, Ripley, Derby.
	1911 Dec. 5.	*FORD, ERNEST HONE	{ Borough Engr.'s Office, Town Hall, Southport.
	1883 May 29.	*FORD, HENRY WALTER	Borough Surveyor's Office, Doncaster.
	1912 Apr. 2.	FORD, RICHARD EVELYN	{ Hazeldene, Upper Park Road, King- ston-on-Thames.
m +	1908 Apr. 14.	*FORMAN, JAMES HILL	P.O. Box 5272, Johannesburg, S Africa.
	1894 Dec. 4.	FORREST, JOHN CHARLES	{ Holly Bank Colliery, Essington, Wolverhampton.
+	1896 Apr. 14.	{ *FORREST, WILLIAM ROBERTSON LIDDERDALE	{ P.W.D., Victoriaborg, Accra, Gold Coast Colony.
	1896 Mar. 3.	*FORRESTER, ARTHUR LIVESEY	Milbourne House, Malmesbury, Wilts.
+	1894 May 22.	{ FORSTER, CHARLES EDWARD, B.A. (<i>Sydney</i>)	{ Colonial Sugar Refining Co., Sydney, N.S.W.
	1882 Dec. 5.	{ FOSTER, EDWARD WILLIAM PERCEVAL, C.M.G.	{ 19 Grimston Gardens, Folkestone.
	1891 Dec. 1.	{ *FOSTER, HENRY LLEWELLYN THOMAS	{ B. E. B. & E. I. Co., Ltd., Fennel Street, Manchester.
	1907 Apr. 9.	FOSTER, WILLIAM ARTHUR	{ Richmond Chmbrs., Inland Revenue, Blackburn.
	1913 Apr. 22.	FOTHERGILL, JOHN RALPH	Borough Engr.'s Office, Bexhill.
	1912 Apr. 23.	{ *FOTTELL, EDWARD JOSEPH, B.Sc. (<i>Leeds</i>)	{ 9 St. James's Terrace, Clonskeagh, Dublin.
	1907 Dec. 3.	FOULDS, JOHN RHODES	23 Charles Street, Bingley.
	1901 Apr. 2.	FOULDS, WILLIAM AINSLIE	26 Preston Avenue, North Shields.
	1906 Dec. 4.	{ FOULKES, LEONARD MAC- NAMARA	{ 37 Grange Park, Ealing, W.
	1910 Dec. 6.	{ FOURACRES, HUGH THOMAS WILLIAM	{ P.W.D., Bulandshahr Division, Ganges Canal, Bulandshahr, India.
	1902 Dec. 2.	FOWLDS, WALTER	Boro' Engr.'s Office, Keighley.
	1902 Jan. 14.	{ *FOWLER, CECIL ARTHUR, B.A.I. (<i>Dubl.</i>)	{ Rosslare, Sligo.
Wtm +	1896 Dec. 1.	*FOWLER, HENRY	M. Ry., Loco. Dept., Derby.
	1909 Apr. 6.	{ FOWLER, HERBERT HENRY CHARLES	{ Clyde Lodge, Clyde Road, Totten- ham, N.

Date of Election.		ASSOCIATE MEMBERS.	
1907 Apr. 23.		{ *FOWLER, RICHARD SAMUEL GARDINER, B.A., B.A.I. (Dubl.) }	6 Duncairn Terrace, Bray, co. Wicklow.
✦ 1904 Mar. 1.		*FOX, ALFRED, Jun.	{ Graham, Rowe & Co., Mersey Chambers, Old Churchyard, Liverpool.
1908 Dec. 1.		{ FOX, BERTRAM DOUGLAS, B.A. (Cantab.) }	56 Moorgate Street, E.C.
✦ 1890 Feb. 4.		*FOX, GUILHERME HENRIQUE ..	States Ry., Kajang, Malay. S.S.
1910 Dec. 6.		FOX, HENRY FREDERICK ..	82 Burrage Road, Woolwich. S.E.
1908 Dec. 1.		*FOX, JOHN REGINALD ..	Bryncelyn, Treconon, Aberdare.
1893 Jan. 10.		*FOX, JOHN RICHARD STRATFORD	{ F. C. Rosario, Calle Bartolome Mitre 299, Buenos Aires.
1904 Apr. 12.		{ *FOX, SENIOR FREDERICK LEOPOLD }	Main Drainage Dept., Ministry of Public Works, Cairo, Egypt.
1906 Jan. 9.		{ *FOX, WALTER ERNEST, B.E. (Royal) }	L. & S. W. R., Eastleigh Station, Hampshire. [nr. Wrexham.
1911 Mar. 7.		*FOXLEE, RICHARD WILLIAM ..	Llay Main Collieries, Ltd., Gresford,
1914 Mar. 3.		{ *FOYSTER, PHILIP TILLARD, B.A. (Cantab.) }	East Lynne, Tatton Street, Knutsford, Cheshire.
1912 Dec. 3.		*FRANCIS, DUDLEY COLLINS	{ Rand Water Board, P.O. Box 1703, Johannesburg.
1907 Dec. 3.		*FRANK, REGINALD ALEXANDER	{ British Cotton & Wool Dyers' Association, Ltd., 22 Cumberland Street, Manchester.
1906 Dec. 4.		*FRANK, THOMAS PEIRSON ..	Town Hall, Newark-on-Trent.
1891 Apr. 7.		FRANKLIN, LUKE, B.E. (Queen's)	Dryden Road, Fleetwood.
1901 Dec. 3.		*FRANKS, CHARLES FOARD ..	{ South Metropolitan Gas Company, 70 Bankside, S.E.
1892 May 3.		FRASER, ALEXANDER ORME ..	Lautoka, Viti Levu, Fiji.
1905 Apr. 4.		FRASER, EBENEZER	N.W. Ry., Lahore, India.
1881 Dec. 6.		*FRASER, ERNEST GORDON ..	{ 26 Boscobel Road, St. Leonards-on-Sea.
1913 Dec. 2.		FRASER, GEORGE	25 Bruntsfield Avenue, Edinburgh.
1909 Dec. 7.		{ *FRASER, KENNETH GEORGE McPHERSON, B.Eng. (Liverpool) }	Municipal Engr.'s Office, Singapore, S.S.
1903 Apr. 7.		FRASER, THOMAS	{ c.o. Chief Engr., G.I.P. Ry., Bombay, India.
1877 Dec. 4.		FREEMAN, HENRY SOMERSON ..	Cornongers, Nutfield.
1912 Dec. 3.		FREEMAN, JOHN GARNEYS ..	{ Res. Eng., Port of London Authority, London and St. Katharine Docks. E.
iii ✦ 1907 Feb. 5.		*FREEMAN, RALPH	56 Moorgate Street, E.C.
1910 Jan. 11.		{ *FRENCH, DOUGLAS GORDON, B.A. (Cantab.), B.Sc. (Lond)	{ Birmingham Metal and Munitions Co., Ltd., Adderley Park Mills, Birmingham.
1911 Dec. 5.		{ FRENCH, WALTER WILLIAM EDWARD }	The University, Leeds.
1901 Apr. 2.		*FREUND, GEORGE JOHN, Jun. ..	31 Budge Row, Causton Street, E.C.
1913 Feb. 4.		{ FREW, DAVID BENNY, B.Sc. (Edin.) }	R. McAlpine & Sons, Cusfley-Hertford Ry., Hertford.
1905 Dec. 5.		FREW, JAMES FORREST ..	University Club, Vancouver, B.C.
1890 Dec. 2.		FREW, ROBERT DIXON ALISON	Chelmer, near Brisbane, Queensland.
1901 Feb. 5.		*FRIEDBERGER, MAURICE BRYHAM	{ John Aird & Co., Gresham House, Battery Road, Singapore, S.S.
1913 Feb. 4.		FRIEDRICHS, FRANK	10 Fawley Road, W. Hampstead, N.W.
1902 Dec. 2.		FRIEL, WILLIAM	{ Chamber of Commerce Buildings, Waterford.
1888 Feb. 7.		*FROBISHER, EDWARD	Urban District Council, Fleetwood.
1884 Dec. 2.		FROGGATT, WILLIAM	Chapelton, Sheffield.
1914 Apr. 7.		*FRY, ERNEST	{ c.o. Sir John Jackson, Ltd., 53 Victoria Street, S.W.

Date of Election.	ASSOCIATE MEMBERS.	
1886 Dec. 7.	FRY, WILLIAM HENRY	9 High Street, Gosport.
1912 Apr. 2.	FRYER, JOHN EDWIN GEORGE	{ North View, Derby Road, South Woodford.
1893 Dec. 5.	*FUHR, HENRY HANNAY	{ P.W.D., King William's Town Cape Colony.
1887 Dec. 6.	FUJIKURA, KENTATSU	{ 172 Iruki-Cashi, Ohzaki, Tokio, Japan [<i>via</i> Siberia].
1905 Dec. 5.	{ FULTON, ALEXANDER MAC-NEIL }	22 Limeside Avenue, Rutherglen, Glasgow.
1908 Jan. 14.	{ FULTON, ANGUS ROBERTSON, B.Sc. (<i>St. Andrews</i>) }	University College, Dundee.
1890 Jan. 14.	FULTON, DAVID	1 Garden Court, Temple, E.C.
✠ 1909 Jan. 12.	FURKERT, FREDERICK WILLIAM	Public Works Office, Dunedin, N.Z.
1910 Feb. 1.	*FURNESS, DAVID	{ City Surveyor's Office, Town Hall, Manchester.
1893 Dec. 5.	*FURNESS, GEORGE JAMES ..	Roundwood House, Willesden, N.W.
1898 Dec. 6.	*FURNIVALL, FRANK	33 Pembroke Road, Kensington, W.
1913 Jan. 14.	*FYFFE, WILLIAM	{ 229 Edmonton Street, Winnipeg, Canada.
1910 Apr. 19.	{ *FYSHE, THOMAS MAXWELL, B.Sc. (<i>McGill</i>) }	
1900 Apr. 3.	GADSBY, DAVID JOHNSON ..	41 Osmond Road, Hove, Sussex.
1896 May 19.	{ GAFFNEY, STAFFORD, M.A.I. (<i>Dubl.</i>) }	Iona, Greystones, co. Wicklow. [W.]
1892 Dec. 6.	*GAGE, JOHN FRANKLIN	c.o. 11 Prebend Mansions, Chiswick.
1900 Feb. 6.	{ GAILEY, THOMAS ANDREW, B.E., B.A. (<i>Royal</i>) }	62 Bower Mount Road, Maidstone.
1914 Apr. 7.	GAIR, JAMES	Pendennis, Lynton Road, Acton, W.
1908 Apr. 7.	GAIRNS, ROBERT WYLIE	{ Caledonian Ry., Engr.'s Office, Buchanan Street Station, Glasgow.
1914 Feb. 3.	{ GALBRAITH, CHARLES STRONG, B.C.E. (<i>Melb.</i>) }	Melbourne Harbour Trust, Market Street, Melbourne, Victoria.
1877 May 29.	GALBRAITH, JOHN, M.A. (<i>Toronto</i>)	School of Practical Science, Toronto.
1895 May 21.	GALE, WILLIAM WILLIS	Urban District Council, Carshalton.
✠ 1884 May 27.	GALLON, WILLIAM	Town Hall, Upper St., Islington, N.
1911 Dec. 5.	*GALLOWAY, JOHN BRUCE ..	Estate Office, Rothley, Leicesters.
1877 Dec. 4.	{ *GALLOWAY, THOMAS LINDSAY, M.A. (<i>Glas.</i>) }	109 Hope Street, Glasgow.
1908 Feb. 4.	{ *GALWAY, JOHN CAMPBELL, B.A., B.E. (<i>Royal</i>) }	176 Sunnyside Avenue, Ottawa, Canada.
1880 Dec. 7.	GAMBLE, SIDNEY GOMPERTZ ..	Fire Brigade, Southwark, S.E.
1892 Dec. 6.	GANDON, JOHN	Ottoman Gas Company, Smyrna.
1889 Mar. 5.	*GARBUETT, MATTHEW	3 Staple Inn, W.C.
1907 Dec. 3.	GARDENER, ALBERT EDWARD	{ 282 Plumstead Common Road, Plumstead, S.E.
1912 Mar. 5.	*GARDINER, ALEXANDER ANSON	{ Chief Engineer's Office, G.I.P. Ry., Bombay.
1909 Apr. 6.	GARDNER, ALFRED CHARLES ..	{ Engr.'s Office, G.C. Ry., Marylebone Station, N.W.
1906 Dec. 4.	*GARDNER, CHARLES TURVILLE	Port Harcourt, West Africa.
1908 Mar. 3.	*GARDNER, JOHN	123 Boothferry Road, Goole.
1910 Dec. 6.	{ GARDNER, JOHN CAMPBELL, M.A. (<i>Cambr.</i>), B.Sc. (<i>Durham</i>) }	
1911 Dec. 5.	{ GARDNER, JOHN DAVIDSON, B.Sc. (<i>Edin.</i>) }	23 Ivy Terrace, Edinburgh.
1909 Mar. 2.	{ *GARDNER, JOHN HYSLOP, B.Sc. (<i>Glas.</i>) }	Maseru, Basutoland.

	Date of Election.	ASSOCIATE MEMBERS.	
	1905 Dec. 5.	{ *GARDOM, WILLIAM DOUGLAS } CRONHELM }	Calle 250 Bartolomé Mitre, Buenos Aires.
	1899 Dec. 5.	*GARNETT, SYDNEY HAROLD ..	Fernleigh, Stanley, Wakefield.
	1900 Apr. 3.	GARRARD, GEORGE }	Waterworks, Telephone Avenue, Baldwin Street, Bristol.
	1891 May 5	*GARRARD, JOHN JERVIS	P.O. Box 4303, Johannesburg.
✦	1895 Apr. 2.	GARRATT, HERBERT ALFRED ..	{ L.C.C. School of Engineering and Navigation, High St., Poplar, E. }
	1895 Feb. 5.	*GARRETT, FRANK, JUN.	Leiston Works, Suffolk.
	1902 Dec. 2.	GARRETT, FREDERICK MORTON }	{ Box 392, Bloemfontein, Orange River Colony. }
	1890 Dec. 2.	GARRETT, HENRY AUGUSTUS ..	Boro' Surveyor and Harbour Engr., Torquay.
	1904 Apr. 12.	GARROD, CHARLES, B.Sc. (Lond.) }	{ 15 Orchard Road, High Barnet, Herts. }
	1892 May 24.	GARTHWAITE, JOHN GEORGE ..	29 Cornwall Avenue, Church End, Finchley, N.
m ✦	1902 Jan. 14.	{ *GARVIE, ROBERT HALLEY, } B.Sc. (St. Andrews) }	Marine Board Offices, Launceston, Tasmania.
	1892 Jan. 12.	GASKELL, JOHN BERRIDGE ..	Dock & Ry. Co., Milford Haven.
	1899 Apr. 11.	*GASKIN, FREDERIC WILLIAM }	{ Liverpool Corporation Waterworks, Llanforda, Oswestry. }
	1909 Dec. 7.	*GATEHOUSE, ERNEST ARTHUR .	{ The Hawthorns, Lawford Road, Rugby. }
	1894 Dec. 4.	GATEHOUSE, TOM ERNEST ..	128 Tulse Hill, S.W.
	1891 Feb. 3.	*GATES, CHASEMORE PHILIP ..	{ Anglo-Chilian Nitrate & Ry. Co., Tocopilla, Chile. }
	1907 Dec. 3.	*GATES, HARALD BURTON ..	{ c.o. Mrs. W. H. Gates, 6 St. Paul's Avenue, Cricklewood, N.W. }
	1887 Apr. 5.	GATT, LORENZO, C.M.G. ..	10 Strada Seconda, Floriana, Malta.
	1910 Apr. 19.	{ *GAUDIN, REGINALD FRANCIS } BOYD, B.Sc. (Engineering) } (Lond.) }	Easton Gibb & Son, Ltd., H.M. Dockyard, Rosyth, N.B.
	1914 Jan. 13.	*GAUNT, JOHN }	{ Oak Royd, Stanningley, Leeds. }
	1907 Dec. 3.	{ *GAUNT, LOUIS HENRY ARMI- } STEAD, B.Sc. (Victoria) .. }	{ Sunfield Cottage, Stanningley, Leeds. }
	1906 Feb. 6.	*GAUVAIN, WILLIAM PERCIVAL }	{ Waihi Gold Mining Company, Ltd., Waihi, New Zealand. }
	1900 Feb. 6.	*GAVIN, JOSEPH MERRICKS ..	Casilla 708, Antofagasta, Chile.
	1903 Apr. 7.	GAZE, HARRY PHILIP }	{ Central Electric Supply Co., Grove Road, St. John's Wood, N.W. }
	1907 Jan. 8.	*GEE, CHARLES DOUGLAS	King, King & Co., Bombay.
	1908 Feb. 4.	*GEEN, ALBERT BURNARD ..	{ King's Court, Broadway, Westminster, S.W. }
	1910 Apr. 5.	*GEEN, GEORGE PURDON	Lismore, Newport, Mon.
	1904 Dec. 6.	GEEN, HARRY }	{ 1A Middle Temple Lane, E.C. }
m	1913 Apr. 1.	*GEEN, THOMAS PERCIVAL ..	Linden, Pen-y-lan, Cardiff.
	1912 Apr. 23.	*GELL, HAROLD MARRIOT ..	{ British Isles Public Schools Club, Cambie and Georgia Streets, Vancouver, B.C. }
	1905 Jan. 10.	{ GELLATLY, JOHN THOMPSON } BISSET }	P.O. Box 37, Bethulie, O.F.S., S. Africa.
	1893 Mar. 7.	*GELSTON, ROBERT }	{ 74 George Street, Limerick. }
	1913 Mar. 11.	*GEMMILL, WILLIAM }	{ 6 Portland Road, Kilmarnock. }
	1912 Feb. 6.	{ *GEMMILL, WILLIAM CUNNING- } HAME }	Wellbank, West Kilbride, Ayrshire.
	1907 Dec. 3.	GEOGHEGAN, GEOFFREY	F. C. del Sud, Buenos Aires.
	1906 Feb. 6.	*GEORGE, CHARLES HERBERT ..	{ 214 Newmarket Road, Taunton Bank, Ashton-under-Lyne. }
	1911 Dec. 5.	{ *GEORGE, MAELGWYN GLEN- } DOWER, B.Sc. (Wales) }	E.I. Ry., Deshergurb, via Sitaram-pore, India.
	1906 Dec. 4.	*GERMAN, BERNARD FOSTER ..	{ Huntingdon House, Ashby-de-la-Zouch. }

Date of Election.		ASSOCIATE MEMBERS.	
1894 Mar. 6.	GERRAND, DAVID	Conville, Aliwal North, Cape Colony.	
1906 Apr. 3.	GETTINGS, SYDNEY SALTER ..	Surveyor's Office, Tring, Herts.	
1908 Feb. 4.	*GHALEB, KAMEL OSMAN ..	Public Works Ministry, Cairo, Egypt.	
1897 Apr. 6.	*GIBB, ALEXANDER	H.M. Dockyard, Rosyth, N.B.	
1905 Dec. 5.	*GIBB, ANDREW SHIRRA	Ludhiana, Punjab, India.	
1866 Feb. 6.	GIBB, EASTON	Haversham Grange, Twickenham.	
1909 Apr. 6.	*GIBB, THOMAS TELFORD	Caxton House, Tothill Street, S.W.	
1905 Dec. 5.	GIBBARD, FREDERICK BERNARD	Town Hall, Fulham, S.W.	
1908 Dec. 1.	GIBBES, CHARLES ALFRED ..	Antofagasta Ry. Co., Antofagasta.	
1913 Apr. 1.	*GIBBINGS, ALBERT VICTOR ..	{ P.W.D., Alor Star, Kedah, Malay Peninsula.	
1904 Apr. 19.	GIBBINGS, ALFRED HORSWILL	48 Rua da Alfandega, Rio de Janeiro.	
1910 Jan. 11.	{ *GIBBINS, FREDERICK REGI- NALD, B.Sc. (Lond.) }	{ City Surveyor's Office, Town Hall, Manchester.	
1874 May 5.	*GIBBONS, CHARLES PRESTON ..	T. Doewra & Son, Ball's Pond, N.	
1902 Apr. 8.	GIBBS, ALECK ROBERT	{ 103 Tierney Road, Streatham Hill, S.W.	
1910 Jan. 11.	*GIBBS, CHARLES WILLIAM ..	{ 49 rue Americaine, Brussels, Belgium.	
m † 1891 Dec. 1.	*GIBBS, LAWRENCE	{ Denison, Ram & Gibbs, Hong Kong [via Siberia].	
1902 Dec. 2.	*GIBSON, ALEXANDER JAMES ..	University of Queensland, Brisbane.	
C t † 1906 Jan. 9.	{ GIBSON, Prof. ARNOLD HART- LEY, D.Sc. (Victoria) }	{ University College, Dundee.	
1913 Dec. 2.	GIBSON, GEORGE McLEAN ..	{ Res. Engr.'s Office, Blyth Harbour Commission, Blyth, Northumberland.	
1905 Dec. 5.	{ GIBSON, GODFREY MARSDEN, B.A. (Cantab.) }	{ The Needles, Northolt, Middx.	
1907 Dec. 3.	GIBSON, HUGH	{ The Acacias, Norman Road, Sutton, Surrey.	
1905 Jan. 10.	{ *GIBSON, LAWRENCE JAMES DOUGLAS, M.A., B.Sc. (St. Andrews) }	{ Meadowbank, Maidenhead.	
1890 Jan. 14.	*GIBSON, NORMAN WALTER JOHN	7 Royal Arsenal, Woolwich.	
1900 Dec. 4.	*GIBSON, RALPH ERNEST ..	Gas Offices, Duke Street, Liverpool.	
1899 Apr. 11.	{ GIBSON, THOMAS SYDNEY FLETCHER }	{ Gasworks, 709 Old Kent Road, S.E.	
1914 Feb. 3.	*GIBSON, WILLIAM GOTT	{ 28 Park Gardens, N., Broomhill, Glasgow.	
1914 Jan. 13.	*GIDLEY, ALLEN	{ P.W.D., Alor Star, Kedah, Malay Peninsula.	
1912 Dec. 3.	{ GIDLOW-JACKSON, CHARLES WILLIAM, B.A. (Cantab.) .. }	{ Alexandra Hotel, Saltburn-by-the-Sea.	
1909 Apr. 6.	GILCHRIST, HUBERT CAMPBELL	{ Chief Engr.'s Office, C.S.A. Rys., Johannesburg.	
1905 Apr. 4.	GILCHRIST, JAMES	{ Norton Griffiths & Co., Ltd., St. John, New Brunswick, Canada.	
1909 Feb. 2.	GILCHRIST, JAMES, B.Sc. (Edin.)	3 Ash Grove, Headingley, Leeds.	
1908 Feb. 4.	*GILCHRIST, ROBERT	{ Westmount, Langbank, Renfrewshire.	
1906 Feb. 6.	{ *GILES, HUMPHREY NOEL, B.Sc. (Victoria), B.Eng. (Liverpool) }	{ Liverpool Waterworks, Oswestry, Salop.	
1883 Dec. 4.	GILL, ALBERT AUGUSTUS ..	{ The Hatch, Old Dover Road, Canterbury.	
1913 Jan. 14.	*GILL, HAROLD COLDBECK ..	{ Pattukkotai, via Trichinopoly, South India.	
1901 Apr. 2.	GILL, HENRY DUDLEY	Richardson & Cruddas, Bombay.	
1886 May 4.	GILL, JOHN	Town Hall, Bangor.	
† 1878 Feb. 5.	*GILL, JOHN CHARLES	{ Municipal Offices, Peterboro'.	
1910 Jan. 11.	*GILL, JOHN RICHMOND	{ North Bank, Victoria Terrace, Dunfermline, Fifeshire.	

Date of Election.	ASSOCIATE MEMBERS.	
1884 Mar. 4.	*GILL, LEONARD ALDRIDGE ..	1 De Burgh Park, Banstead, Surrey.
1911 Feb. 7.	*GILL, RAYMOND	{ Stothert and Pitt, Ltd., 38 Victoria Street, S.W.
1911 Apr. 11.	{ *GILLESPIE, DOUGLAS, B.Sc. (Engineering) (Lond.)	88 Parliament Street, Nottingham.
1886 Dec. 7.	GILLESPIE, JOHN	{ South African Rys., Railway Construction, by Clanwilliam, Cape Province.
1889 Dec. 3.	GILLIES, JAMES DOUGLAS ..	Greymouth, New Zealand.
1905 Dec. 5.	*GILLILAND, ALBERT HOWARD	{ Irrigation Department Office, Pretoria, S. Africa.
1889 Dec. 3.	*GILLINGHAM, ALFRED JOHN ..	{ Calle Mitre 474, San Martin, F.C.C.A., Argentina.
1894 May 1.	*GILL-JENKINS, DANIEL	Camborne, Cornwall.
1910 Dec. 6.	*GIMSON, MARTIN	{ White House, Clarendon Park, Leicester.
m B 1911 Jan. 10.	*GLADWYN, SIDNEY CHARLES	33-35 Charterhouse Square, E.C.
1910 Jan. 11.	*GLANFIELD, REGINALD	{ Gibutil Gold Mines of Anantapur, Morriston, Madras Presidency, S. India.
1906 Dec. 4.	*GLANVILLE, ERNEST ALFRED	{ Chief Engr.'s Office, South Indian Ry., Trichinopoly, S. India.
1911 Jan. 10.	{ GLANVILLE, WALTER JOSOLYNE, B.A. (Cantab.)	72 Little Heath, Charlton, S.E.
1900 Mar. 6.	GLASS, SYDNEY NEWTON	{ 4 Western Gardens, Ealing Common, W.
1910 Apr. 5.	GLENDAY, CHARLES	Karnak, Dashwood Road, Gravesend.
1904 Dec. 6.	GLENDAY, ROBERT	{ Steer & Co., Parker's Buildings, 1 Burg Street, Cape Town.
1905 Apr. 4.	{ GLENDINNING, PATRICK BANNATYNE	72A George Street, Edinburgh.
1912 Apr. 23.	*GLENNE, STEPHEN	{ c.o. W. G. Glennie, 13 Sydenham Rise, Forest Hill, S.E.
1891 Dec. 1.	*GLOVER, THOMAS	{ The Yews, St. Leonards Road, Eastbourne.
1904 Dec. 6.	GLYN, GUY GODFREY	{ Engr.'s Office, L.B. & S.C. Ry., London Bridge Terminus, S.E.
1907 Apr. 9.	GOADBY, FRANCIS HUBERT ..	{ 12 Kingswood Villas, Station Road, Gillingham.
✠ 1885 Feb. 3.	GODAI, RIYOSAKU	{ 99 Takchayacho, Koishikawa Ku, Tokio, Japan [via Siberia].
1910 Apr. 5.	{ GODDARD, FREDERICK BROKENSHIRE	142 Kenilworth Court, Putney, S.W.
1911 Feb. 7.	*GODDARD, WILLIAM CORY ..	{ Burgess Hill Waterworks, Keymer, Sussex.
1897 Mar. 2.	{ *GODFREY, GEORGE COCHRANE, B.A. (Cantab.)	Bengal-Nagpur Railway, 17 Garden Reach Road, Calcutta.
1889 Mar. 5.	*GOOCH, HENRY JESSE	38 Parliament Street, S.W.
1906 Dec. 4.	GOOD, PERCY	{ Dogmersfield, Woodford Road, South Woodford, Essex.
1913 Apr. 22.	GOODACRE, ERNEST JOHN ..	Borough Surveyor's Office, Shrewsbury.
1886 Apr. 6.	*GOODALL, THOMAS EDWARD ..	{ c.o. Mrs. Goodall, 57 Fitzroy Road, Regent's Park, N.W.
1907 Apr. 9.	GOODFELLOW, HOWARD	{ Boro' Engr.'s Office, Town Hall, Southport.
1899 Dec. 5.	*GOODMAN, GEORGE SMITH ..	{ 30 Kingswood Park Avenue, Mutley, Plymouth.
1894 Feb. 6.	*GOODMAN, JAMES	40 Kew Bridge Road, Brentford, W.
1894 Dec. 4.	*GOODMAN, RICHARD	Brentford Gas Co., Brentford.
1908 Feb. 4.	*GOODMAN, WALTER NEVILLE	Riverside, Ill., U.S.A.
1905 Apr. 4.	GOODWIN, WILLIAM JOHN ..	City Engr. and Surveyor, Salisbury.

Date of
Election.

ASSOCIATE MEMBERS.

1889 Apr. 2.	GOODYEAR, HERBERT	{ 52 Ashburnham Road, Willesden. N.W.
1904 Mar. 1.	{ *GORDON, GEORGE FRANCIS CARTER, M.A. (<i>Cantab.</i>)	{ Ediscol, Whittlesford, Cambs.
1888 Apr. 10.	GORDON, HENRY ANDREW	{ Ben Lomond, Lanfurly Road, Epsom, Auckland, N.Z.
1914 Jan. 13.	{ *GORDON, HENRY HERMAN, B.A. (<i>Cantab.</i>)	{ 48 Sandringham Court, W.
1894 Dec. 4.	GORDON, JOHN	Burgh Surveyor's Office, Aberdeen.
1907 Apr. 23.	GORDON, VIVIAN	{ Avonside Engine Works, Fishpounds, Bristol. (Loco. Bristol. Fish- pounds 30.)
1910 Jan. 11.	GORMAN, CECIL	20 Ross Street, Middlesbrough.
1913 Apr. 22.	{ *GORRINGE, HUBERT MAURICE, B.Sc. (Engineering) (<i>Lond.</i>)	{ 38 Thanet Road, Erith, Kent.
1912 Mar. 5.	*GOSFORD, ALBERT THOMAS	{ Richardson & Cruddas, Byculla Ironworks, Bombay.
1887 May 3.	GOSLETT, CHARLES ALFRED	1733 Euterpe St., New Orleans, U.S.
1906 Apr. 3.	{ *GOSTWYCK, GODFREY HAROLD GOSTWYCK	{ Engr.'s Office, C.P. Ry., Montreal.
1899 Apr. 11.	{ GOSTWYCK, HUMPHREY HARFORD GOSTWYCK	{ Municipal Engr.'s Office, Singapore, S.S.
1884 Dec. 2.	*GOTTO, PERCY MURLY	{ 228 Dashwood House, New Broad Street, E.C.
1914 Jan. 20.	GOULD, HENRY	24 Church Street, Kingston, Jamaica.
m t † 1913 Jan. 14.	{ *GOURLEY, HAROLD JOHN FRE- DERICK, M.Eng. (<i>Liverpool</i>)	{ Sir Alex. Binnie, Son and Deacon, St. Stephen's House, Victoria Embankment, S.W.
1902 Apr. 8.	GOW, WILLIAM JAMES	{ Kilmarnock, Ealing Road, Alper- ton, Wembley.
1884 May 27.	GRAÇA, JOAO CORDEIRO DA	P.O. Box 836, Rio de Janeiro.
1910 Apr. 5.	{ *GRACE, LAURENCE THORNE- WAITE	{ Box 1061, Medicine Hat, Alberta, Canada.
1900 Feb. 6.	{ *GRAHAM, ALFRED HENRY IRVINE	{ Fullers Cottage, Ditton Road, Sur- biton.
1900 Dec. 4.	*GRAHAM, DONALD CHARLES	{ Tradath, Edge Hill, Wimbledon. S.W.
1874 Apr. 14.	GRAHAM, FRANCIS EDMOND	Junior Carlton Club, Pall Mall, S.W.
1893 Apr. 11.	GRAHAM, MAURICE	Stroud House, Freshwater, I.W.
1912 Apr. 23.	{ *GRAHAM, WILLIAM, B.Sc. (<i>Durham</i>)	{ Engr.'s Office, G.N. Ry., Little Bytham, Grantham.
1910 Apr. 5.	GRANGER, BERNARD BOOTH	Mrs. Ritchie, 7 Wellmeadow, Paisley.
1906 Jan. 9.	*GRANGER, JOHN MAXWELL	{ Bridge Engr.'s Office, S.A. Rys., Queenstown, Cape Province, S. Africa.
1877 May 1.	GRANT, ALEXANDER	Maryhill, Inverness.
1904 Jan. 12.	{ GRANT, CHARLES JAMES, B.C.E. (<i>Melbourne</i>)	{ Mildura, Victoria.
1913 Jan. 14.	*GRANT, EWAN MAITLAND	{ Engineer-in-Chief's Office, South African Railways, Johannesburg.
1883 Dec. 4.	GRANT, ROBERT CAMPBELL	Hale Edge, South Nutfield, Surrey.
1908 Dec. 1.	*GRANT, ROLAND JAMES	Rejeski, Brockley Grove, S.E.
1898 Feb. 1.	GRANT-BROWNING, JOHN	{ Metrop. Water Board, Engr.'s Dept., Savoy Court, W.C.
1908 Jan. 14.	{ *GRANT-DALTON, ALAN TRE- VANION	{ The Cedars, Queenstown, Cape Colony.
t 1905 Dec. 5.	GRAVE, JOHN UTRICK ROGER	Tung Ting Road, Hankow, China.
1906 Apr. 3.	*GRAVELY, WILLIAM CECIL	{ J. Watt Sandeman & Son, St. Nicho- las Bldgs., Newcastle-on-Tyne.
† 1898 Dec. 6.	*GRAY, ANDREW	{ Marconi's Wireless Telegraph Co., Ltd., Marconi House, Strand, W.C.
1911 Apr. 4.	GRAY, ARTHUR GERALD	{ Lyons, London Road, Braintree, Essex.

Date of Election.	ASSOCIATE MEMBERS.	
1888 May 15.	GRAY, CHRISTIAN HAMILTON ..	Telegraph Works, Silvertown, E.
1897 Apr. 6.	GRAY, FRANK JAMES	{ Land Registry, 34 Lincoln's Inn Fields, W.C.
1913 Jan. 14.	*GRAY, GEORGE ANDREW	The Plains, Wetheral, Carlisle.
1896 May 5.	{ GRAY, GEORGE DAVID, B.A.I. (<i>Dubl.</i>) }	Engr.'s Office, City Hall, Dublin.
1906 Apr. 3.	GRAY, JAMES	{ Canadian Pacific Ry. Co., Sandon Dock, Liverpool.
1897 Mar. 2.	*GRAY, ROBERT BRUCE MCGREGOR	Westbourne Grove, Selby.
1891 Apr. 7.	GRAY, WILLIAM	41 Broad Street, Birmingham.
1888 May 15.	GRAY, WILLIAM ERNEST ..	Telegraph Works, Silvertown, E.
1891 May 5.	GRAY, WILLIAM WYTHERS ..	4 Benet Street, Cambridge.
1913 Dec. 2.	{ GRAZEBROOK, KENRICK DENIS DURLEY }	39 Victoria Street, S.W.
1906 Apr. 3.	GREASLEY, FREDERICK JOHN	Engr.'s Office, Midland Ry., Derby.
1913 Jan. 14	{ GREATHEAD, ARTHUR MERRI- MAN, B.A. (<i>Contab.</i>) }	Ast. Irrigation Engr., Lands Dept., Salisbury, Rhodesia.
1912 Jan. 9.	{ GREATHEAD, JAMES MERRI- MAN, B.A. (<i>Contab.</i>) }	Engr.-in-Chief's Office, South African Rys., Johannesburg.
1885 May 19.	GREATHEAD, WALTER HORATIO	Box 4751, Johannesburg, Transvaal.
1898 Apr. 5.	*GREEN, FREDERICK DAVIES ..	{ Halesowen Steel Co., Halesowen, Worcester.
1907 Dec. 3.	*GREEN, FREDERICK MICHAEL	{ Arnold House, South Farnborough, Hants.
1891 Dec. 1.	*GREEN, GEORGE WILLIAM ..	{ Q-Fel Works, Feltham, Mddx. (Fillicoid, Feltham. Feltham 39.)
J 1912 Dec. 3.	*GREEN, VICTOR EDWARD ..	{ 16 Gilda Crescent Road, Eccles, Manchester.
1913 Jan. 14.	{ GREEN, WILFRED ARNOLD, M.A., B.Sc. (<i>St. Andrews</i>) .. }	27A Elsham Road, Kensington, W.
1895 May 21.	*GREENE, LOUIS	East Indian Ry., Calcutta.
1885 Mar. 3.	GREENHILL, FREDERICK MORRIS	1 Church Road, Penarth, Cardiff.
1884 Apr. 1.	GREENLEES, ARCHIBALD	The Elms, Park Lane, Tottenham, N.
1893 Dec. 5.	GREENSHIELDS, NORMAN	Borough Surveyor, Bedford.
1899 Dec. 5.	{ GREENSHIELDS, ROBERT PAD- MORE }	Post Office, Hawthorn, Melbourne, Victoria.
1891 Dec. 1.	GREENWELL, ALLAN	25 Iverna Gardens, Kensington, W.
1893 Dec. 5.	GREENWOOD, CLAUDE	Waiui, Wynn Avenue, Old Colwyn.
1908 Dec. 1.	GREENWOOD, DONALD EDGAR ..	{ Weardale Power Station, Spennymoor, Durham.
1908 Dec. 1.	GREENWOOD, FRED BERRY ..	{ Manchester Ship Canal Co., 41 Spring Gardens, Manchester.
1902 Dec. 2.	GREENWOOD, JOSEPH PARKER	Borough Surveyor's Office, Burnley.
1913 Jan. 14.	GREER, JOHN, B.E. (<i>Royal</i>) ..	{ S.S. Crenshaw, C. N. Ry. Survey, Port Alberni, B.C., Canada.
1876 Apr. 4.	GREGORY, CHARLES CURRIE ..	Antigonish, Nova Scotia.
1899 Dec. 5.	GREGORY, GEORGE MESROPE ..	10 Pretoria Street, Calcutta.
1912 Dec. 3.	{ *GREGORY, REGINALD VICTOR, B.Sc. (<i>Engineering</i>) (<i>Lond.</i>) }	Nizam's Guaranteed State Rys., Secunderabad, Deccan, India.
1889 Feb. 5.	*GREGSON, HERBERT BOYS ..	{ Doornstraat 8, Scheveningen, Holland.
1890 May 6.	GREGSON, JOHN	Westwood, Padiham, Lanes.
† 1875 Apr. 6.	GREIG, ANDREW	10 Cluny Gardens, Edinburgh.
1903 Jan. 13.	{ *GREIG, BENJAMIN WILLIAM PATON }	Winslow, Arizona, U.S.A.
1902 Apr. 8.	GREIG, JAMES RENNIE	{ 46 Queen Victoria Street, E.C. (Tracings, London. City 3019.)
1904 Apr. 12.	GREIG, JOHN MARTIN MACFIE	{ 6 Lakeview Road, Clarkson's, Ontario, Canada.
1898 Apr. 5.	GREY, WILLIAM CHARLES ..	{ Kinumber, via Woy Woy, New South Wales
m 1907 Mar. 5.	*GRIBBLE, CONRAD	Engineer's Office, N.E. Ry., York.

Date of Election.	ASSOCIATE MEMBERS.	
1904 Jan. 12.	{ GRIEVE, JAMES HENRY, B.Sc. (<i>Glas.</i>) }	c.o. Irrigation Service, Khartum, Sudan.
1881 Dec. 6.	GRIFFIN, BEYERLEY	Hinton, Waterden Road, Guildford.
1908 Dec. 1.	*GRIFFIN, FREDERICK CHARLES	{ Sanitary Engr.'s Office, Norton Buildings, Old Court House Corner, Calcutta, India.
1908 Apr. 7.	GRIFFIN, NOEL HENRY ROSE ..	P.O. Box 592, Bulawayo, Rhodesia.
1901 Jan. 8.	{ *GRIFFITH, CHARLES LEOPOLD TROYTE }	College of Engineering, Madras.
1902 Apr. 8.	{ *GRIFFITH, JOHN WILLIAM, M.A., B.A.I. (<i>Dubl.</i>) }	Engineer's Office, Port and Docks Board, East Wall, Dublin.
1905 Jan. 10.	{ GRIFFITH, JULIUS HENRY EDWARD, B.A.I. (<i>Dubl.</i>) }	General Manager's Office, South African Rys., Johannesburg.
1907 Jan. 8.	GRIFFITH, WILLIAM MACRICE	{ Canal Bungalow, Bareilly, U.P., India.
1914 Mar. 3.	{ *GRIFFITH-WILLIAMS, KENYON BOXWELL }	1st Circle, Irrigation Service, P.W.D., Cairo, Egypt.
1908 Apr. 14.	*GRIFFITHS, HARRY MELVILLE	Raisina Camp, Delhi Province, India.
1912 Apr. 2.	GRIFFITHS, IVOR LLEWELLYN	181 Inverness Place, Roath, Cardiff.
W C †	1874 Jan. 13.	{ *GRIFFITHS, JOHN ALFRED, B.Sc. (<i>Victoria</i>) }
		The Quadrant, Gardiner, Victoria, Australia.
	1887 Apr. 5.	GRIFFITHS, WALTER GEORGE
	1878 May 28.	GRIFFITHS, WILLIAM
		Rhydney Ry., Cardiff.
		61 Sinclair Road, Kensington, W.
		{ Locomotive, Curr. & Wagon Supt., Jamaica Government Ry., Kingston, Jamaica.
m	1909 Dec. 7.	*GRIGSON, THOMAS REGINALD
	1910 Apr. 5.	GRIMOLDBY, GEORGE ALBERT
	1897 Apr. 6.	*GRIMSHAW, FREDERICK HENRY
		Engr.'s Dept., Belfast Harbour Board, Belfast.
		1 Malden Road, Watford.
		{ Urban District Council, Atherton, Manchester.
m †	1908 Dec. 1.	*GRINLING, ARTHUR JOHN ..
	1907 Apr. 9.	GROGAN, FREDERICK SIMMONS
	1879 Apr. 1.	*GROSE, ARTHUR
	1899 Apr. 11.	*GROVE, EDWARD LONG
	1895 Apr. 2.	*GROVER, FREDERICK
		{ Forgrove Machinery Co., Admiral Street, Dewsbury Road, Leeds.
	1910 Dec. 6.	{ *GROVES, HENRY LEIGH, B.A. (<i>Contab.</i>) }
	1877 May 29.	GROVES, LEONARD
	1908 Feb. 4.	{ GRUNING, HENRY HERMANN, M.Sc. (<i>Victoria</i>) }
	1888 Feb. 7.	GRUNWELL, HARTLEY
	1911 Apr. 4.	GUBBAY, HENRI ABRAHAM ..
	1910 Apr. 19.	{ *GUEST, ALFRED, B.Eng. (<i>Liverpool</i>) }
	1894 Feb. 6.	*GUEST, RICHARD
		{ North British Loco. Co., Ltd., Glasgow.
	1878 Feb. 5.	{ *GUILLEMARD, ARTHUR FRANKLIN, B.A. (<i>Oxon.</i>) }
	1884 Jan. 8.	*GUINNESS, ARTHUR PERCY ..
	1894 Dec. 4.	GUINNESS, HENRY SEYMOUR ..
	1882 Apr. 4.	GUMBLEY, WILLIAM
		{ Orchard House, Sandown, Isle of Wight.
	1905 Apr. 4.	*GUNSON, ERNEST
	1910 Jan. 11.	GUTHRIE, JAMES STUART ..
	1909 Dec. 7.	{ *GUTTMANN, CAMILLO JOSEPH, B.Sc. (<i>Engineering</i>) (<i>Lond.</i>) }
		{ 27 Galloway Avenue, Buffalo, N.Y., U.S.A.
		6 Inverleith Avenue, Edinburgh.
		{ 18 Aberlure Gardens, Hampstead, N.W.

	Date of Election.	ASSOCIATE MEMBERS.	
B	1912 Dec. 3.	*GUY, HENRY LEWIS	{ Turbine Dept., British Westinghouse Co., Trafford Park, Manchester.
	1891 Dec. 1.	*GUYATT, THOMAS ALEXANDER	{ Gasworks, Ely.
	1902 Apr. 8.	GUYATT, WILLIAM JAMES	{ 38 Henry Street, Redcar, Yorks.
t	✚ 1913 Apr. 22.	{ *GWYTHER, REGINALD DUNCAN, } M.Sc. (Manchester)	{ Oficina del Subterraneo, F. C. Oeste, Buenos Aires.
	1910 Feb. 1.	GYDE, CHARLES JOHN	{ Public Works Dept., Cape Town, S. Africa.
	1912 Feb. 6.	*GYLES, WILLIAM MORLAND	{ Ancholme House, Young Street, Doncaster.
	1906 Feb. 6.	*HADDIN, JOHN	{ John Galt Engineering Co., 317 Portage Avenue, Winnipeg, Canada.
	1885 Dec. 1.	HADFIELD, FREDERICK JOSEPH	{ Manor House, Ringsfield, Beccles.
	1905 Mar. 7.	*HADOW, RAYMOND PATRICK	{ King, King & Co., Bombay.
	1905 Dec. 5.	HAGGIE, ROBERT HOOD, JUN.	{ Tyne Holme, Wealdstone, Middlesex.
	1912 Dec. 3.	{ *HAIGH, ARTHUR GORDON, } B.A. (Cantab.)	{ 51 Thorold Road, St. Catherines, Ontario, Canada.
	1911 Mar. 7.	{ HAIGH, BERNARD PARKER, } B.Sc. (Glas.)	{ Royal Naval College, Greenwich, S.E.
t	✚ 1902 Apr. 8.	HAIGH, WILLIAM HENRY	{ City Engineer's Dept., Cardiff.
	1912 Dec. 3.	*HAILE, WALTER HENRY	{ Thames Conservancy, 2 and 3 Norfolk Street, W.C.
	1907 Dec. 3.	*HAINWORTH, CHARLES SAMUEL	{ Cia. Mexicana de Petroleo "El Aguila" S.A., Apartado 277, Tampico, Tamps., Mexico.
	1910 Apr. 5.	*HAJSTE, JOHN HERBERT	{ District Engr.'s Office, N.E. Ry., Forth Banks, Newcastle-on-Tyne.
	1909 Apr. 6.	HALCROW, WILLIAM THOMSON	{ Topham, Jones & Railton, Ltd., 11 Great George Street, S.W.
	1895 Mar. 5.	HALDEN, GEORGE MASON	{ Easton Gibb & Son, H.M. Dockyard, Rosyth, N.B.
	1914 Apr. 7.	HALL, ALFRED EDWIN	{ 10 Wymond Street, Putney, S.W.
	1910 Jan. 11.	*HALL, ALFRED JOHN	{ Railway Construction Dept., Seremban, F.M.S.
	1907 Apr. 9.	{ HALL, ARTHUR ALEXANDER, } B.A., B.E. (Royal)	{ Delta Light Railways, Cairo, Egypt.
	1904 Dec. 6.	{ HALL, ARTHUR HENRY, } B.A. (Cantab.)	{ Mechanical Engr.'s Office, Royal Arsenal, Woolwich, S.E.
	1890 Apr. 1.	HALL, CARL	{ Durban Club, Durban, Natal.
	1912 Apr. 2.	HALL, FREDERICK CHARLES	{ Woodcroft, Heyes Lane, Timperley, Cheshire.
	1899 Apr. 11.	HALL, JOHN WILLIM	{ Athenæum Chambers, Birmingham.
	1894 Dec. 4.	*HALL, LEONARD GEORGE	{ Gas and Waterworks, Rhyl.
	1909 Dec. 7.	*HALL, LIONEL CUTHBERT	{ Compañia Obras de Salubridad, Calle Salta 1471, Rosario de Santa Fé, Argentina.
	1912 Jan. 9.	*HALL, PERCY	{ 16 Oak Avenue, Romiley, Stockport.
	1913 Dec. 2.	{ HALL, PHILIP DE HAVILLAND, } B.Sc. (Glas.)	{ Byland, Beverley Road, Hull.
	1906 Apr. 3.	HALL, ROLAND CHARLES	{ 89 Parchmore Rd., Thornton Heath.
	1914 Apr. 7.	HALL, SAMUEL	{ Wellfield, Banchory, by Aberdeen.
	1890 Feb. 4.	HALL, THOMAS BERNARD	{ King's Court, Colmore Row, Birmingham. (Tamar, Birmingham.)
	1914 Apr. 7.	{ HALL, WALTER HOWARD, } B.Sc. (Engineering) (Lond.)	{ 46 Queen's Road, Finsbury Park, N.
m	1900 Dec. 4.	*HALL, WILFRED, M.A. (Cantab.)	{ 9 Priors Terrace, Tynemouth.
	1897 Dec. 7.	HALL, WILLIAM	{ c.o. Grindlay & Co., 54 Parliament Street, S.W.

Date of
Election.

ASSOCIATE MEMBERS.

1913 Dec. 2.	{ *HALSE, GEORGE WHITFIELD, B.Sc. (Engineering) (Lond.) }	Trinity Vicarage, Bridlington.
1897 Apr. 6.	*HAMBY, GEORGE HENRY	Town Hall, Lowestoft.
1912 Dec. 3.	*HAMIER, HERBERT	76 Arden Terrace, Accrington, Lanes.
1909 Apr. 6.	{ *HAMER, JOHN PARKINSON, B.Sc. (Victoria) }	Hill Top, Hornby Road, Blackpool.
1882 Feb. 7.	*HAMILTON, EDWARD	Rigwood, Saltburn-by-the-Sea.
t † 1900 Jan. 9.	{ HAMILTON, PATRICK, B.Sc. (Glas.) }	178 Clarence Gate Gardens, Regent's Park, N.W.
1914 Apr. 7.	*HAMILTON, WILLIAM LEES ..	{ Waterworks Dept., F.C.A.B., Antofagasta, Chile. 318 Lagauchetiere Street W., Montreal, Canada.
1905 Jan. 10.	*HAMMERSLEY-HEENAN, JOHN ..	United Railways, Havana, Cuba.
1891 Feb. 3.	*HAMMOND, PHILIP	64 Victoria Street, S.W.
1902 Feb. 4.	*HAMMOND, ROBERT WHITEHEAD	P.W.D., Nairobi, British East Africa.
1912 Jan. 9.	*HAMP, ARTHUR EDWARD	Surveyor, Swindon.
1882 May 23.	*HAMP, HENRY JOSEPH	Edgeley, Walm Lane, Criekeleywood, N.W.
1901 Dec. 3.	*HANBURY, HERBERT WOOD ..	{ Edgeley, Walm Lane, Criekeleywood, N.W. Indian Manganese Co., Nagpur, C.P., India.
1906 Dec. 4.	{ HANCE, HENRY MALKIN, B.Sc. (Victoria) }	King, King & Co., Bombay.
1900 Mar. 6.	{ *HANCKEL, ALFRED WOODS, M.Sc. (Victoria) }	Apartado 362, San José, Costa Rica.
1891 Dec. 1.	*HANCKEL, ROBERT STUART ..	Box 192, Klerksdorp, Transvaal.
1893 Dec. 5.	HANCOCK, HARRY	Moonta Mines, South Australia.
1895 Dec. 3.	HANCOCK, HENRY LIPSON	11 Victoria Street, S.W.
1894 Apr. 3.	*HANDCOCK, HENRY WILLIAM	
1876 Feb. 1.	HANDLEY, HENRY JOHN	11 Cloth Hall Street, Huddersfield.
1906 Dec. 4.	*HANSON, HAROLD	11 Cloth Hall Street, Huddersfield.
1881 Jan. 11.	HANSON, JOHN HENRY	300 Lordship Lane, East Dulwich, S.E.
1900 Dec. 4.	{ HANSSEN, CARL THOMAS, ALFRED }	Water Company, Newcastle-on-Tyne.
1904 Jan. 12.	*HARDCASTLE, HENRY ARTHUR	16 Morley Road, Lewisham, S.E.
1914 Apr. 7.	HARCOURT, ARTHUR PERCIVAL ..	{ Dept. of Public Works, Sydney, N.S.W. Gasworks, North Shields.
1908 Dec. 1.	*HARDIE, JOHN ALFRED	The Rio Tinto Co., Ltd., Huelva, Spain.
1893 Dec. 5.	HARDIE, WILLIAM	Council Offices, Bury St. Edmunds.
1904 Jan. 12.	{ HARDING, WALLACE ALAN, DOUGLAS }	Clun House, Surrey Street, Strand, W.C. (Hardingham, London.)
1906 Dec. 4.	HARDING, WALTER DENIS	Butterworth, Cape Province, South Africa.
iii 1874 Mar. 3.	{ *HARDINGHAM, GEORGE GATTON, MELHUISH }	{ L. & N.W. Ry. Engr.'s Office, Euston, N.W. University College, Sheffield.
1912 Feb. 6.	{ *HARDINGHAM, LEONARD, WILLIAM }	{ 3 Grange Court Road, Westbury-on-Trym, Bristol. Royal Laboratory Department, Woolwich Arsenal, S.E.
1894 Mar. 6.	*HARDMAN, ERNEST WILLIAM	2 Touchkoff Quay, St. Petersburg.
1890 Dec. 2.	{ *HARDWICK, FRANCIS WILLIAM, M.A. (Oxon.) }	
1890 Dec. 2.	*HARDY, CHARLES CHETWODE ..	
1905 Apr. 4.	HARDY, JOHN STANLEY	
1902 Mar. 4.	*HARFELD, OSCAR	
1907 Dec. 3.	HARFORD, JAMES HENRY	
1895 Feb. 5.	HARKER, WILLIAM	
1911 Mar. 7.	*HARLAND, ARTHUR CYRIL	
1898 Dec. 6.	HARLEY, ALFRED FRANCIS	
1888 Jan. 10.	HARLEY, ARTHUR	
1904 Apr. 12.	HARLEY-MASON, JOHN HARLEY	
1908 Feb. 4.	{ *HARLEY - MASON, VERNON, BALFOUR }	

	Date of Election.	ASSOCIATE MEMBERS.	
	1897 Mar. 2.	HARLOCK, HAROLD	Lamorna, Cleveland Road, Ealing, W.
	1906 Apr. 3.	{ HARLOW, WILLIAM WYATT RIDGWAY }	City Engr.'s Office, Carlisle.
	1913 Apr. 22.	HARMER, FRANK WILLSHIRE ..	{ 22 Shooter's Hill Gardens, West- mount Road, Eltham, Kent.
	1891 Feb. 3.	HARPER, HERBERT WILLIAM ..	13 St. Helen's Place, E.C.
	1904 Jan. 12.	HARPER, JAMES LINDSAY ..	c.o. H.S. King & Co., 65 Cornhill, E.C.
	1893 Dec. 5.	HARPER, LOUIS	Seafeld House, Aberdeen.
	1911 Feb. 7.	*HARPUR, ISAAC	{ Pu-Hsin Ry., Wu I, Anhwei, <i>via</i> Nanking, China.
	1897 Apr. 6.	HARRAP, GEORGE THOMAS ..	5 Budge Row, Cannon St., E.C.
	1910 Dec. 6.	{ HARRINGTON, WILLIAM FRANCIS }	{ Packard Motor Car Co., Carriage Chassis Dept., Boulevard, Detroit, Mich., U.S.A.
m	1909 Apr. 6.	{ *HARRIS, ARNOLD WILLIAM ELSMERE, B.Sc. (Birmingham) }	c.o. Merz & McLellan, 32 Victoria Street, S.W.
	1907 Jan. 8.	*HARRIS, CHARLES WILLIAM ..	{ Res. Engr., Suva Harbour Works, Suva, Fiji.
	1896 Dec. 1.	HARRIS, GORDON WILLIAM ..	98 Gray's Inn Road, W.C.
	1883 Feb. 6.	HARRIS, RICHARD	3 Vinery Villas, Regent's Park, N.W.
	1889 Dec. 3.	HARRIS, SAMUEL CHARLES ..	{ 43 St. James's Road, Kingston-on- Thames.
	1914 Feb. 3.	{ HARRIS, STANLEY HERBERT, B.Sc. (Wales) }	4 Lurline Gardens, Battersea Park, S.W.
	1912 Dec. 3.	*HARRIS, THOMAS HOWARD ..	{ Victoria Falls & Transvaal Power Co., Ltd., P.O. Box 103, Germis- ton, Transvaal.
	1913 Dec. 2.	*HARRIS, WILLIAM ASHBURNHAM	Bengal-Nagpur Ry., Chakhardarpur Singaumn, India.
	1910 Jan. 11.	HARRISON, ALBERT DEX ..	55 Compton Road, Wolverhampton.
	1909 Dec. 7.	{ *HARRISON, ALBERT FRANCIS LOUIS HELFRICH }	P.W.D., Shillong, Assam.
	1913 Apr. 22.	{ HARRISON, CHARLES WESTER- MAN }	Corporation Electricity Works, Hylton Road, Worcester.
	1879 Mar. 4.	*HARRISON, EDMUND PONTIFEX	Box 517, Johannesburg, Transvaal.
	1889 Dec. 3.	HARRISON, EDWARD HENRY ..	{ 44 Thurleigh Road, Wandsworth Common, S.W.
	1905 Apr. 11.	*HARRISON, ERNEST YOUNG ..	{ Engr. and Surveyor, Council Offices, Wellingborough.
	1907 Dec. 3.	*HARRISON, FRANCIS EDWARD	{ District Engr.'s Office, N. E. Ry., Forth Banks, Newcastle-on-Tyne.
	1904 Apr. 12.	{ HARRISON, FRANCIS ERNEST HENRY, B.A. (Cantab.) .. }	Coxlow, Horeham Road, Sussex.
	1913 Apr. 1.	{ *HARRISON, FRED, M.Sc. (Manchester) }	168 Bramhall Lane, Davenport, Stockport.
	1912 Feb. 6.	*HARRISON, FREDERICK THOMAS	228 Goswell Road, E.C.
	1884 Feb. 5.	HARRISON, GEORGE HOWARD ..	Thornton, near Ryde, I.W.
	1900 Jan. 9.	{ *HARRISON, HERBERT EDWARD HYDE }	6 St. Andrew's Road, Bedford.
t	1887 Dec. 6.	HARRISON, JOSEPH	Thorncliffe, Hyde, Cheshire.
	1907 Dec. 3.	HARRISON, PERCIVAL TRIPP ..	Borough Engineer, Chelmsford.
	1913 Jan. 14.	*HARRISON, PERCY	160 Durham Road, Wimbledon, S.W.
	1887 May 24.	HARRISON, WILLIAM JOSEPH ..	{ 7 Carteret Street, Westminster, S.W. (Rubrica, London.)
	1908 Apr. 7.	*HARRISSON, GEOFFRY HARNETT	Caixa 59, Maceio, Alagoas, Brazil.
	1891 Feb. 3.	HARSTON, WILLIAM	8 Hythe Street, Dartford.
m	1913 Feb. 4.	*HART, ARTHUR JOHN	375 George Street, Sydney, N.S.W.
	1877 Feb. 6.	HART, JAMES	{ Summerfield, Christopher P.O., King Co., Washington, U.S.
	1894 Dec. 4.	*HART, PATRICK CAMPBELL ..	{ 134 St. Vincent Street, Glasgow. (Guarantee, Glasgow, Argyle 01850.)
	1892 Dec. 6.	*HART, THOMAS	Tharsis Mines, Huelva, Spain.

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Election.

ASSOCIATE MEMBERS.

1910 Dec. 6.	{ *HART, TRISTRAM BERESFORD, B.A., B.A.I. (<i>Dubl.</i>) }	4 Vincent Square, S.W.
1907 Dec. 3.	*HART, VINCENT	{ Madura, Madura District, Madras, India.
1909 Apr. 6.	HARTLEY, GILBERT JAMES ..	{ Hume Brothers, 472 Calle Lavalle, Buenos Aires.
1911 Dec. 5.	{ *HARTLEY, JOHN JEROM, B.Eng. (<i>Liverpool</i>) }	6 Phillips Place, Montreal, Canada.
1904 Dec. 6.	{ HARTLEY, RICHARD FREDERICK, B.Sc. (<i>Glas.</i>) }	Royal Laboratory, Royal Arsenal, Woolwich.
1886 Mar. 2.	*HARTLEY, RICHARD JAMES ..	{ Waterworks Engineer, Gibbet Hill, Halifax.
1906 Apr. 3.	*HARTLEY, SIDNEY, B.Sc. (<i>Glas.</i>)	35 Arran Road, Catford, S.E.
1914 Feb. 3.	*HARTNELL, CUTHBERT	Aysgarth, Roundhay, Leeds.
1867 Apr. 2.	HARTREE, WILLIAM	Havering, Tunbridge Wells.
1907 Dec. 3.	{ HARVEY, CHARLES FITZ- GERALD, B.A.I. (<i>Dubl.</i>) .. }	Seafeld, Gorey, co. Wexford.
1905 Feb. 7.	{ *HARVEY, EDWIN PERCY, B.A. (<i>Cantab.</i>) }	Fari's Farm, West Byfleet, Surrey.
1896 Feb. 4.	HARVEY, FRANCIS JOSEPH ..	North-Western Ry., Lahore, India.
1904 Apr. 12.	*HARVEY, FRANK STEWART ..	Glaumôr, Hayle, Cornwall.
1905 Dec. 5.	HARVEY, FREDERICK MILTON	Council Offices, Great Yarmouth.
1906 Dec. 4.	{ HARVEY, HENRY SIMPSON SAYER }	P.O. Box 270, Brisbane, Queensland.
1909 Feb. 2.	*HARVEY, JOHN BISKETT	{ Melville Bank, Ardoch Grove, Cam- buslang, Glasgow.
1910 Jan. 11.	{ *HARVEY, STANLEY ST. GEORGE }	Harbour Office, Belfast.
1913 Mar. 11.	{ HARVEY, THOMAS, B.Sc. (<i>Victoria</i>) }	P.W.D., Delhi, India.
1892 Feb. 2.	*HARVEY, THOMAS FRANCIS ..	{ Bicknor House, English Bicknor, Glos.
t † 1907 Apr. 9.	HARVEY, WALTER SIDNEY ..	{ City Engr.'s Office, Lethbridge, Alta., Canada.
1904 Apr. 12.	HARVIE, THOMAS WHITE ..	{ Engr.'s Office, Montreal Harbour Commissioners, Montreal, Canada.
1914 Feb. 3.	HARWARD, CHARLES CUTHBERT	Irrigation Bungalow, Anuradhapura, Ceylon.
† 1885 Feb. 3.	HASEGAWA, KINSKE	{ Eastern Divl. Supt. Office, Imperial Govt. Rys., Uyeno, Tokio, Japan [via Siberia].
1898 Feb. 1.	HASELDEN, ARTHUR	Linares, Jaen, Spain.
R 1912 Mar. 5.	*HASELDINE, JOHN FRANCIS ..	{ E. Brough Taylor, Caxton House, Westminster, S.W.
1914 Jan. 13.	{ *HASKEW, BENJAMIN BEAU- MONT }	Caixa 10, Natal, Rio Grande do Norte, Brazil.
1913 Apr. 22.	*HASKINS, WILFRED JOSEPH ..	F.M.S. Ry Offices, Singapore, S.S.
1907 Dec. 3.	HASSALL, JAMES	{ City Engr.'s Office, Town Hall, Sheffield.
1900 Feb. 6.	*HASSARD, ARTHUR, M.A.I. (<i>Dubl.</i>)	{ Dept. of Agriculture and Technical Instruction (Engineering Branch), 2 Kildare Place, Dublin.
1900 Dec. 4.	HASTINGS, HAROLD	{ Peninsular Engineering Co., Ltd., Puerta del Angel 10, Barcelona.
1897 Mar. 2.	*HATT, JOHN JOSEPH	410 London Road South, Lowestoft.
1911 Apr. 4.	*HATT-COOK, ROWLAND	H. S. King & Co., Bombay.
1909 Apr. 6.	HATTON, WILLIAM JOSEPH ..	49 Grovehill Road, Redhill.
1910 Apr. 5.	{ *HAUGHTON, HAROLD MOFFAT SWIRE, B.Sc. (<i>McGill</i>) .. }	{ Otter Copper Co., Ltd., Kilfinan, Argyllshire.
1902 Jan. 14.	{ HAULTAIN, HERBERT EDWARD TERRICK, C.E. (<i>Toronto</i>) .. }	Department of Mining, University, Toronto.
1912 Jan. 9.	HAWDON, CYRIL STRACHEY ..	Madawachchi, Ceylon.

Date of Election.	ASSOCIATE MEMBERS.	
1891 May 5.	{HAWES, FREDERICK BENJAMIN OLIPHANT}	18 Park Mansions, Vauxhall Park, S.W.
1904 Apr. 19.	HAWES, ROBERT DONALDSON	{L. & S.W. Ry., Engineers' Office, Waterloo, S.E.
1907 Apr. 9.	HAWKE, WILLIE CLIFFORD ..	Maison Dieu House, Dover.
1909 Dec. 7.	{HAWKEN, ROGER WILLIAM, B.E., B.A. (Sydney)}	University of Queensland, Brisbane.
1912 Dec. 3.	*HAWKES, JOHN DOUGLAS ..	P.W.D., Jaffna, Ceylon.
1894 Dec. 4.	HAWKINS, ISAAC THOMAS ..	{Bolama, Portuguese Guinea [via Lisbon].
1909 Apr. 6.	HAWKINS, JOHN CHARLES ..	{Government Irrigation Engr., Hankey, C.P., S. Africa.
1892 Feb. 2.	*HAWKINS, SYDNEY SANDERSON	Lexden, Ditchling, Sussex.
1893 Dec. 5.	*HAWKINS, T. HAROLD	3 Rua da Bandeirinha, Oporto.
1900 Apr. 3.	*HAWKINS, TOM SHIRLEY ..	The Admiralty, Whitehall, S.W.
1895 May 21.	HAWESLEY, JOSEPH	Waterworks, Great Yarmouth.
1906 Feb. 6.	{*HAWTHORNE, WILLIAM, B.E. (Royal)}	Merz & McLellan, Collingwood Bldgs., Newcastle-on-Tyne.
1891 May 5.	HAWTREY, ALBERT NICHOLLS	{Works Dept., Town Hall, Pancras Road, N.W.
/ m 1914 Apr. 21.	{*HAY, DOUGLAS, B.Sc. (Engineering) (Lond.)}	19A Old Elvet, Durham.
1911 Jan. 10.	HAY, FRANCIS CHARLES ..	{Railways Construction Branch, P.W.D., Sydney, N.S.W.
1910 Jan. 11.	HAY, JAMES, B.Sc. (Edin.) ..	
1908 Apr. 7.	{HAYES, HAROLD ST. GEORGE BOWN}	City Engr.'s Office, Westminster City Hall, W.C.
1876 Dec. 5.	HAYES, JOHN	5 High Street, Carnarvon.
1913 Dec. 2.	{HAYES, ROBIN ARDEN, M.A. (Cantab.)}	54 Wheelley's Road, Edgbaston, Birmingham.
m 1910 Mar. 1.	*HAYMAN, WILLIAM MUIR ..	Engr.'s Dept., F.C. del Sud, Buenos Aires.
1904 Dec. 6.	HAYNES, HENRY THOMAS ..	{Town Hall, Fremantle, Western Australia.
1911 Apr. 4.	HAZELTINE, CHARLES ALBERT	41 Downhills Park Road, West Green, N.
1894 Feb. 6.	*HEAD, D'ESTERRE PRITTIE ..	Govt. Rys., Maritzburg, Natal.
1898 Apr. 5.	*HEAD, HENRY COLEMAN ..	{Water & Gas Co., 19 Staple Gardens, Winchester.
1895 Dec. 3.	HEAP, HERBERT	16 Manor Avenue, Grimsby.
1913 Dec. 2.	HEASTIE, BASIL	{The Cottage, Knigh Thorpe, Loughborough.
1873 May 20.	*HEATH, ARTHUR HENRY ..	76 Woodsome Road, Highgate Road, N.W.
1893 Feb. 7.	HEATH, REGINALD HEPBURN ..	Grindlay, Groom & Co., Bombay.
1893 May 16.	*HEATHCOTE, CHARLES FRANCIS	{Tasmania Gold Mine, Beaconsfield, Tasmania.
m 1908 Feb. 4.	{*HEATHCOTE, EDGAR HORACE, M.A. (Cantab.)}	37 Princess Street, Manchester.
1893 Dec. 5.	{*HEATHCOTT, JOHN, M.Sc. (Victoria)}	Salmon Arm, British Columbia.
1905 Feb. 7.	{*HEATHER, AUBREY GEORGE FORSTER}	Green Street Green, Orpington, Kent.
1890 May 6.	HEATLY, HARRY	The Hoo, Hitchin, Herts.
1895 Apr. 2.	*HEATON, FREDERICK GEORGE ..	King Street, Wigan.
1896 Dec. 1.	*HEBERDEN, LOUIS EDWARD ..	{Res. Engr., Tzaneen-Zoekmabaar Ry., Transvaal.
1904 Jan. 12.	{HEDGELAND, EDMUND WOOD- HOUSE, B.E. (Sydney)}	Taiping, Perak, F.M.S.
1876 Dec. 5.	HEDGMAN, WILLIAM SOUTHWOOD	75 Upper Ground Street, S.E.
1907 Apr. 9.	HEDLEY, RIDDLE	Iranaimadu, N.P., Ceylon.
1900 Dec. 4.	{*HEFFORD, CHARLES NELSON, M.Sc. (Victoria)}	9 Thornfield Road, Far Headingley, Leeds.

Date of
Election.

ASSOCIATE MEMBERS.

1995 Apr. 4.	HELPS, DOUGLAS HENRY ..	Gas Works, Reading.
1911 Apr. 4.	*HELPS, REGINALD ARTHUR ..	Gas Works, Croydon.
1910 Dec. 6.	*HELSEY, FREDERICK GEORGE	{ Municipal Council, Shanghai, China [via Siberia].
1912 Jan. 9.	{ *HEMINGWAY, CHARLES FROGGATT }	{ 8 Oakbrook Road, Rammoor, Shef- field.
1896 May 19.	*HEMINGWAY, WILLIAM	{ 9 Ranelagh Avenue, Hurlingham, S.W.
1913 Dec. 2.	{ HEMSTED, ALFRED RUSTAT, B.Sc. (Durham) }	{ 10 Ann Street, Hillhead, Glasgow.
1904 Jan. 12.	HENDERSON, AIDAN NICHOLAS	{ 5 Hamilton Ter., Portobello, Edin- burgh.
1909 Apr. 6.	{ HENDERSON, ALEXANDER GEORGE }	{ 114 Lewisham Road, Lewisham, S.E.
1904 Apr. 12.	HENDERSON, ARCHIBALD ..	Ascot, Newport, Fife.
1904 Dec. 6.	HENDERSON, CHARLES JOSEPH	{ School of Engineering, Dacca, Eastern Bengal.
1910 Apr. 5.	*HENDERSON, DAVID	{ Inglenook, Muirhead, Chryston, Glasgow.
1890 Feb. 4.	{ *HENDERSON, HECTOR WILLIAM BAILLIE }	{ Brisbane, Queensland.
1909 Jan. 12.	{ *HENDERSON, JOHN ALEXANDER, B.Sc. (Glas.) }	{ c.o. Ardullie, Sundridge Park, Bromley, Kent.
1912 Feb. 6.	{ *HENDERSON, JOHN ALEXANDER, B.A.I. (Dubl.) }	{ Lisbellaw, co. Fermanagh, Ireland.
1904 Jan. 12.	{ HENDERSON, JOHN GORDON, B.Sc. (Glas.) }	{ Leopold Walford & Co., 6 Rue de Sèze, Paris.
1892 Mar. 1.	HENDERSON, JOHN JAMES ..	{ Exec. Engr., N.W. Ry., Multan, Punjab, India.
✱ 1900 Dec. 4.	HENDERSON, JOHN MACDONALD	{ King's Engineering Works, Aber- deen. (Cranes, Aberdeen.)
1911 Dec. 5.	*HENDERSON, PHILIP	39 Gloucester Square, W.
1911 Dec. 5.	*HENDERSON, RICHARD McNEIL	{ Public Works Dept., Hong Kong [via Siberia].
1885 Jan. 13.	{ *HENDERSON, STEPHEN, M.A. (Aberl.) }	{ Equitable Building, George Street, Sydney. N.S.W.
1910 Dec. 6.	HENDERSON, THOMAS FLEMING	{ City Surveyor's Office, Town Hall, Manchester.
1911 Dec. 5.	*HENDERSON, WILLIAM, Jun. ..	{ Engineering Dept., Nigerian Ry., Ebute Metta, Nigeria, W. Africa.
1904 Apr. 12.	HENEY, GEORGE PAHR	H.M. Dockyard, Devonport.
1909 Apr. 6.	HENMAN, OWEN WALTER ..	{ Irrigation Dept., Trincomalee, Ceylon.
1902 Dec. 2.	*HENNELL, THOMAS BLACKBURN	23 Doughty Street, W.C.
1913 Mar. 11.	{ HENNING, EDMUND TREGENNA, B.E. (Sydney) }	{ Parry, Hunters Hill, Sydney, N.S.W.
1893 Mar. 7.	HENNINGER, Professor DANIEL	{ Escola Polytechnica, Rio de Janeiro. (Henninger, Rio.)
1906 Dec. 4.	*HENRIQUES, CYRIL QUIXANO ..	{ c.o. Mrs. Henriques, 207 Gloucester Terrace, W.
1896 Jan. 14.	{ *HENRIQUES, EDGAR HENRY QUIXANO }	{ 18 Cambridge Road, Southport.
1904 Dec. 6.	{ *HENRIQUES, EDWARD CECIL QUIXANO }	{ Barlow & Chidlaw, Ltd., Croft Street, Pendleton, Manchester.
1911 Apr. 4.	*HENRY, WILLIAM	{ District Engr.'s Office, N.E. Ry., Newcastle-on-Tyne.
1907 Jan. 8.	{ HENSMAN, JOHN EDWARD, B.A. (Madras) }	{ Egmore, Madras, India.
1912 Dec. 3.	*HENSON, FRANK EDWARD ..	16 Silverdale, Sydenham, S.E.
1892 Dec. 6.	HENSON, JOSHUA BINNINGTON	{ Hunter District Board, Newcastle, N.S.W.

Date of Election.		ASSOCIATE MEMBERS.	
✠	1902 Dec. 2.	HEPBURN, CHARLES GRAHAM ..	70 Pitt Street, Sydney, N.S.W.
	1909 Apr. 6.	HEPWORTH, HERBERT RAIKES	Ivy Dene, Alverthorpe, Wakefield.
	1905 Apr. 11.	*HEPWORTH, WILLIAM	Engr.'s Office, L. & Y. Ry., Manchester.
	1883 Dec. 4.	*HERBERT, ARTHUR WILLIAM ..	New Hanover, Natal.
	1912 Dec. 3.	{*HERIOT, CHARLES ADRIAN .. MAITLAND}	British Bank of South America, Buenos Aires.
	1891 Mar. 3.	HERNU, ARTHUR HENRY ..	69 Victoria Street, S.W.
	1912 Dec. 3.	*HERON, EDMUND FRANKLIN ..	Karimganj, Assam, India.
	1891 Dec. 1.	HERRIOT, WILLIAM SCOTT ..	Clarewood, Thorntonhall, Lanarkshire.
	1909 Dec. 7.	{HESKETH, BENJAMIN, B.Sc. (Durham)}	River Plate Electricity Supply Co., Ltd., La Plata, Argentina.
	1895 Mar. 5.	HESKETH, JOHN	51 Spring Street, Melbourne.
	1896 Feb. 4.	*HESLOP, JOHN GEORGE	Highways Surveyor's Office, Castle Eden, co. Durham.
	1878 Feb. 5.	*HESS, ALBERT JOSIAH	109 Jermyn Street, St. James's, S.W.
	1913 Jan. 14.	{*HEWARD, FREDERIC JOHN .. LOCKWOOD}	The White House, Warham, nr. Wells, Norfolk.
	1874 Dec. 1.	HEWAT, WILLIAM MARSHALL	Druid Lodge, Cabinteely, co. Dublin.
	1898 Apr. 5.	HEWETT, BERTRAM HENRY ..	15 Marine Lines, Bombay.
	1911 Mar. 7.	*HEWETT, GERARD SHUCKBURGH	Rotherwood, Durrant Road, Parkstone, Dorset.
	1895 Apr. 2.	HEWITT, ALFRED HERBERT ..	Green Island Cement Co., Hong Kong.
	1914 Feb. 3.	HEWITT, ARTHUR CECIL	Office of Chief Engr. of Existing Lines, Govt. Rys., Perth, W. Australia.
	1911 Dec. 5.	{*HEWLETT, HAROLD BRYNING, B.Sc. (Victoria)}	Holwell Iron Co., Ltd., Asfordby, Melton Mowbray.
	1907 Apr. 23.	*HEWLETT, PHILIP RUFFORD ..	United Service Club, Lucknow.
	1894 Dec. 4.	*HEWSON, THOMAS	Harewood, Leeds.
	1904 Jan. 12.	{HEWSON, WALTER, B.Sc. (Engineering) (Lond.)}	33 Nassau Road, Barnes, S.W.
	1903 Mar. 3.	{*HEYWOOD, THOMAS EDWARD .. HETT}	Great North of Scotland Ry., Inverurie, N.B.
	1911 Dec. 5.	{*HIBBERT, JOHN PERCY .. MAGHULL, M.A. (Cantab.) ..}	Hampfield, Grange-over-Sands, Lancs.
t ✠	1900 Feb. 6.	HIBBINS, WILLIAM GEORGE ..	65 Carter Knowle Road, Sheffield.
	1904 Jan. 12.	*HICKMAN, DEVERELL	c.o. Mrs. Hickman, 17 Red Post Hill, Herne Hill, S.E.
	1907 Feb. 5.	*HICKS, GEORGE AUGUSTUS ..	c.o. Agent, Burma Railway Company, Rangoon, Burma.
	1908 Apr. 7.	HICKS, WILLIAM ROOKE	Town Hall, Ealing, W.
	1911 Dec. 5.	{HICKSON, ROBERT CONWAY, B.E. (Royal)}	Woodville, Gortatlea, co. Kerry.
	1889 Dec. 3.	{HIGGENS, THOMAS WAGHORN .. ELFORD}	Surveyor's Dept., Town Hall, Chelsea, S.W.
	1909 Jan. 12.	*HIGGINS, ARTHUR LOVAT ..	Queen's College, Belfast.
	1896 Dec. 1.	HIGGINS, FRANCIS BOVILL ..	Mr. Stapleton, Buenaventura, Colombia, S. America.
	1910 Feb. 1.	*HIGGINSON, RALPH BINGHAM	Murrumbidgee Irrigation, Griffiths, New South Wales. [S.W.]
	1910 Dec. 6.	HIGHET, JAMES COCHRANE ..	c.o. H. S. King & Co., 9 Pall Mall.
	1883 May 1.	*HIGHT, ARTHUR EDWARD ..	8 Via degli Artiste, Florence, Italy.
	1907 Dec. 3.	HILDESHEIM, FRANK SIEGMUND	Königstrasse 15/19, Hamburg, Germany.
	1910 Apr. 5.	*HILDITCH, GEORGE WALLS ..	Home Park, Kingston-on-Thames.
	1891 Mar. 3.	*HILDRED, EDWARD THOMAS ..	1 High Street, Gosport.
	1908 Dec. 1.	HILEY, ALFRED	17 Church Walk, Ulverston, Lancs.
	1894 Dec. 4.	*HILL, ALFRED	Habberley Road, Kidderminster.
	1912 Apr. 2.	HILL, ANDERSON CUNNINGHAM	Afton Cottage, Dumbarton.

Date of Election.	ASSOCIATE MEMBERS.	
1899 Apr. 11.	*HILL, CHARLES HAROLD ..	{ c.o. Loco. Supt., South Indian Ry., Negapatam, S. India.
1911 Dec. 5.	*HILL, CLAUD HAROLD ..	{ Ravenswood, Lindfield, Haywards Heath, Sussex.
t † 1893 May 2.	HILL, CLAUDE WILLIAM ..	{ St. Augustine's Mansions, Vincent Square, Westminster, S.W.
1901 Jan. 8.	*HILL, DAVID GAY ..	{ N.E. Ry., District Engineer's Office, New Bridge Street, Newcastle-on- Tyne.
R 1911 Feb. 7.	*HILL, FREDERICK GUY ..	{ Hillcroft, Erdington, Birmingham.
1912 Feb. 6.	{ *HILL, HENRY ELLIS, JUN., B.Sc. (Engineering) (Lond.) }	{ North Eastern Railway, Dock Engr.'s Office, Hull.
1912 Dec. 3.	*HILL, JAMES ..	{ 43 The Holloway, Runcorn, Cheshire.
1912 Apr. 2.	{ *HILL, JAMES HERBERT, B.A.I. (DUBL.) .. }	{ P.W.D., Rangoon, Burma.
1912 Dec. 3.	*HILL, JAMES ROWLAND ..	{ Borough Engr.'s Office, Town Hall, Ipswich.
1910 Jan. 11.	*HILL, JOHN HOLLYER ..	{ 153 Worple Road, Wimbledon.
1892 Dec. 6.	*HILL, JOSEPH BALL ..	{ Municipal Office, Calcutta.
1907 Dec. 3.	{ *HILL, JOSEPH LAWRENCE, B.A. (CANTAB.) .. }	{ Cleveland Bridge Co., c.o. London & Brazilian Bank, Calle Reconquista, Buenos Aires.
1874 Apr. 14.	HILL, LESLIE CRASWELLER ..	{ Oroville, Washington, U.S.A.
1887 May 3.	HILL, WILLIAM ..	{ The White House, Dordon, Tam- worth.
1880 May 25.	HILL, WOODMAN ..	{ 58 Victoria Street, S.W.
1911 Dec. 5.	*HILLIARD, GERALD WILLIAM	{ Engr.'s Dept., F. C. S., Plaza Con- stitucion, Buenos Aires.
1914 Feb. 3.	*HILLMAN, ARTHUR JAMES ..	{ East Street, Guildford, W. Australia.
1885 Feb. 3.	HILLS, ARNOLD FRANK ..	{ Hammerfield, Penshurst, Kent.
1895 Dec. 3.	*HILLS, HARRY JAMES ..	{ Town Hall, Bermondsey, S.E.
1905 Apr. 4.	*HILTON, HAROLD CUSLIFFE ..	{ Town Hall, Newcastle-on-Tyne.
1908 Dec. 1.	HINCHSLIFF, EDWARD ROBERT	{ Deputy Town Surveyor, Barry, Glam.
1903 Jan. 13.	{ *HINDLEY, OLIVER WALTER, B.A. (CANTAB.) .. }	{ King, King & Co., Bombay.
1910 Dec. 6.	*HINDSON, GERALD CLIFTON ..	{ Nonoti Peak, Kearsney, Natal.
1910 Dec. 6.	*HINES, JOHN TATHAM ..	{ Res. Engr.'s Office, Main Drainage, Cairo, Egypt.
1909 Jan. 12.	*HINGSTON, WILLIAM HALCOT	{ Playden Copso, Chipstead, Surrey.
1904 Dec. 6.	*HIPWOOD, JOHN WILLIAM ..	{ Town Hall, Morecambe.
1896 Dec. 1.	HIRST, RICHARD PILLING ..	{ 77 Searisbrick New Road, Southport.
1911 Mar. 7.	{ *HITCHCOCK, RONALD VICTOR, B.Sc. (Engineering) (Lond.) }	{ Cox & Co., Bombay.
1894 Feb. 6.	*HORLEY, CHARLES WILLIAM ..	{ Cotton Road, Nuneaton.
1911 Dec. 5.	{ HOBSON, ARTHUR JOHN, B.A. (OXON.) .. }	{ 7 Laurel Road, Wimbledon.
1870 Dec. 6.	HOBSON, JOHN FALSHAW ..	{ Washington Ironworks, Durham.
1900 Dec. 4.	HOBSON, WALTER DALBY ..	{ Port Penrhyn, Bangor, N. Wales.
1909 Jan. 12.	{ *HODGE, HARRY FAIRLIE, B.Sc. (GLASGOW) .. }	{ 3 Third Avenue, King's Park, Glasgow.
† 1892 Apr. 5.	HODGE, LEONARD PERCIVAL ..	{ P.W.D., Georgetown, British Guiana.
1888 Dec. 4.	{ HODGKINSON-CARRINGTON, ALFRED JAMES .. }	{ 1 Ladbroke Gardens, W.
1913 Jan. 14.	*HODGSON, GRENVILLE HENRY	{ Beddington Rectory, Croydon.
1905 Apr. 4.	{ *HODGSON, HUBERT MERVYN TYLSTON .. }	{ Box 11, Alberni, British Columbia.
1910 Jan. 11.	{ *HODGSON, JOHN LAWRENCE, B.Sc. (Lond.) .. }	{ Geo. Kent, Ltd., Biscot Road, Luton.
1906 Mar. 6.	*HODGSON, JOSEPH POLLARD ..	
1911 Feb. 7.	{ *HOEY, GEORGE MCCAY'SLAND, B.A., B.E. (ROYAL) .. }	{ Thos. Cook & Son, Bombay.

Date of Election.	ASSOCIATE MEMBERS.	
1894 Mar. 6.	*HOFFMANN, JOHN ISIDORE ..	32 Great St. Helens, E.C.
1904 Jan. 12.	*HOGARTH, WILLIAM HUGH ..	Grindlay & Co., Bombay.
1886 Feb. 2.	*HOGG, ALEXANDER JABEZ ..	M. & S.M. Ry., Hubli, India.
1909 Jan. 12.	*HOGG, CHARLES WILLIAM ..	14 Blythswood Square, Glasgow.
1909 Jan. 12.	*HOGG, JOHN MACKINTOSH ..	14 Blythswood Square, Glasgow.
1908 Feb. 4.	HOGG, WILLIAM, B.A.I. (<i>Dubl.</i>)	Fintragh, Shrewsbury Road, Dublin.
1910 Apr. 19.	*HOGG, WILLIAM EDWARD ..	7 Westover Road, Wandsworth, S.W.
1898 Apr. 5.	{ HOLDEN, FRANCIS JOHN } GERALD, B.A. (<i>Cantab.</i>) ..	Electric Supply Co., Seamer Road, Scarborough.
1890 May 20.	HOLDEN, GEORGE HENRY ..	{ Hardman & Holden, Miles Platting, Manchester.
1906 Dec. 4.	*HOLDEN, HUON, F.C.H. ..	{ Res. Engr.'s Office, Main Drainage, P.W.D., Cairo, Egypt.
1891 Dec. 1.	HOLDEN, JAMES	Ash Cottage, Ely, Cardiff.
1906 Jan. 9.	{ HOLE, WILLIAM FRANCIS, } B.E. (<i>Sydney</i>)	Iju Valley Waterworks, Agege, Lagos, S. Nigeria.
1893 Dec. 5.	HOLFORD, WILLIAM GEORGE ..	Rand Club, Johannesburg, Transvaal.
m † 1888 Mar. 6.	*HOLLIDAY, JOHN	St. James's Gate Brewery, Dublin.
1904 Feb. 2.	*HOLLIDAY, JOHN	39 Milton Road, Wallington.
1897 Apr. 6.	{ *HOLLINGSWORTH, ARNOLD } HACKNEY	P.W.D., Hong Kong [<i>via</i> Siberia].
1897 Feb. 2.	{ HOLLINGSWORTH, HORACE } CHARLES	Craig-y-don, Fishguard, Pembroke-shire.
† 1900 Dec. 4.	{ *HOLLINGSWORTH, EDWARD } WILLIAM, M.A. (<i>Cantab.</i>) ..	Harbour Engr.'s Office, Ramsgate.
1912 Jan. 9.	HOLLIS, HERBERT	Colonial Engineer, Bathurst, Gambia.
1909 Dec. 7.	{ *HOLMAN - HUNT, HILARY } LUSHINGTON	c.o. Mrs. Holman-Hunt, 18 Melbury Road, Kensington, W.
1892 May 3.	HOLME, CLINTON JAMES WILSON	1 Crosshall Street, Liverpool.
1907 Apr. 9.	*HOLMES, FRANCIS GREAME ..	L. & Y. Ry., Hunts Bank, Manchester.
1892 Mar. 1.	*HOLMES, GEORGE WILLIAM ..	Town Hall, Walthamstow, N.E.
1907 Feb. 5.	{ HOLMES, GERARD ROBERT } ADDISON, B.Sc. (<i>Glas.</i>) ..	Cunard Steamship Co., Ltd., Naval Architect's Office, 8 Water Street, Liverpool.
1914 Feb. 3.	HOLMES, JOHN DUDLEY ..	23 Burnell Avenue, Wellington, New Zealand.
1873 Dec. 2.	{ HOLMES À COURT, Hon. ARTHUR } WYNDHAM	c.o. Truslove & Hanson, 153 Oxford Street, W.
1912 Apr. 2.	*HOLT, PERCIVAL	Deputy Borough Engr., Town Hall, Rawtenstall.
1907 Apr. 9.	HOLT, WILLIAM	Council Offices, Sale, Cheshire.
1913 Jan. 14.	HOLT-WHITE, WILLIAM HYDE	District Engr.'s Office, F.M.S. Ry., Johore, nr. Singapore, S.S.
1890 May 20.	HOLTZAFFEL, GEORGE WILLIAM	53 Haymarket, S.W.
1896 Dec. 1.	*HOMAN, WILLIAM MACLEAN ..	22 Hamilton Drive, Hillhead, Glasgow.
1908 Apr. 7.	*HOME, HENRY	Public Works Dept., Jamaica.
1906 Jan. 9.	*HOMER, ERNEST ERIC FERRIS	Godlington, Swanage.
1891 Dec. 1.	*HOMERSHAM, EDWIN COLLETT	33 Broad Street Avenue, Blomfield Street, E.C.
1910 Dec. 6.	*HONE, HORACE JOHN ELLIOTT	62 Kensington Road, Reading.
1884 Jan. 8.	HONEYSETT, ARTHUR	39 Victoria Street, S.W.
1911 Dec. 5.	{ HOOD, THOMAS CHRISTIE, B.Sc. } (<i>Durham</i>)	G.I.P. Ry., Manmad, India.
1884 Dec. 2.	HOOLEY, COSMO CHARLES ..	{ Ingleside, St. John's Road, Knutsford.
1901 Apr. 2.	*HOOPER, GEORGE ERNEST ..	{ Engr.'s Dept., Ceylon Government Ry., Colombo.
1899 Feb. 7.	*HOOPER, PERCY NICHOLAS ..	{ Redcot, Hainault Road, Chigwell, Essex.
1907 Apr. 9.	HOPE, EDWIN	{ Engr.'s Office, L. & Y. Ry., Hunts Bank, Manchester.

Date of
Election.

ASSOCIATE MEMBERS.

1907 Apr. 9.	HOPKINS, THOMAS HOLLIS ..	{ Engr.'s Office, Central Argentine Ry., Buenos Aires.
1877 Dec. 4.	HOPKINSON, ALFRED	{ 15 Agur Street, Bury.
1910 Dec. 6.	HOPPER, EDWARD	{ 13 Sise Lane, Queen Victoria Street, E.C.
1891 Dec. 1.	HOPWOOD, JOHN	{ 51 Ennerdale Road, Richmond, Surrey.
1902 Dec. 2.	*HORE, PERCY PHILIP	{ 40 Oakdale Road, Streatham, S.W.
1874 Dec. 1.	*HORN, WILLIAM EDWARD ..	{ 5 Tierney Road, Streatham Hill, S.W.
1913 Feb. 4.	{ HORNE, ALEXANDER ROBERT, B.Sc. (Engineering) (Lond.) }	{ Robert Gordon's Technical College, Aberdeen.
1913 Jan. 14.	*HORNE, ARNOLD CECIL	{ District Engr., Government Rys., Anuradhapura, Ceylon.
1906 Jan. 9.	{ HORNE, WILLIAM JAMES ADAM EDWARD }	{ Education Dept., Pretoria, Transvaal.
1913 Apr. 22.	HORNER, FREDERICK STEPHEN	{ Gorsefield, Helsby, Cheshire.
1900 Jan. 9.	{ HORSBURGH, ELLICE MARTIN, M.A., B.Sc. (Edin.) }	{ 11 Granville Terrace, Edinburgh.
1904 Jan. 12.	HORSBURGH, HARRY	{ 96 Riggindale Road, Streatham, S.W.
1911 Apr. 4.	{ HORSFIELD, WILLIAM THORN- TON }	{ Chellow Dene, Cambridge Road, East Cowes, I.W.
1910 Jan. 11.	HORSPOLL, FREDERIC	{ 1 Clarendon Place, Mount Preston, Leeds.
1902 Dec. 2.	HORTON, JOHN WILLIAM ..	{ County Offices, St. Mary's Gate, Derby.
† 1903 Feb. 3.	{ *HORWOOD, CUTHBERT BARING, B.Sc. (Lond.) }	{ S. Neumann & Co., Salisbury House, London Wall, E.C.
1894 Dec. 4.	{ *HORWOOD, JOEL HENRY, M.C.E. (Melb.) }	{ Cox & Co., 16 Charing Cross, S.W.
1895 Mar. 5.	*HOSKEN, ARTHUR FAYRER ..	{ Nizam's Rys., Secunderabad, Deccan.
1897 Apr. 6.	HOSKEN, RICHARD	{ Box 667, Johannesburg, Transvaal.
m 1913 Jan. 14.	*HOSKINGS, HERBERT GEORGE	{ 164 Algernon Road, Ladywell, S.E.
1894 Jan. 9.	HOUGHTON, SIDNEY ALEXANDER	{ Board of Trade, 73 Robertson Street, Glasgow.
1904 Jan. 12.	*HOUNSFIELD, FRANCIS CECIL ..	{ Peek, Frean & Co., Ltd., Drummond Road, S.E.
1904 Jan. 12.	*HOUNSFIELD, LESLIE HAYWOOD	{ Polygon Engineering Works, 65A Old Town, Clapham, S.W.
1913 Jan. 14.	{ *HOUSTON, ALEXANDER LIND- SAY }	{ Special Works Department, Madras, India.
1906 Feb. 6.	{ HOUSTON, WILLIAM CAMPBELL, B.Sc. (Glas.) }	{ South-Western Polytechnic Institute, Chelsea, S.W.
1913 Apr. 22.	{ HOUSTON, ROBERT HENRY FOLLETT }	{ 9 Margaretta Terrace, Oakley Street, S.W.
1894 May 22.	*HOVIL, FRANK	{ Egyptian State Rys., Engineer's Dept., Cairo.
1897 Jan. 12.	HOWARD, ALBERT HARRIS ..	{ Parliament Mansions, Victoria St., S.W. (Victoria 5366.)
1909 Dec. 7.	*HOWARD, ALLEN CRAWFORD ..	{ 62 London Wall, E.C.
1901 Jan. 8.	*HOWARD, FRANCIS ELIOT ..	{ 99 Queen Victoria Street, E.C.
m † 1886 Dec. 7.	*HOWARD, FRANK GEERE ..	{ 7 Ellerhide Road, Hampstead, N.W.
1894 Dec. 4.	HOWARD, FREDERICK WILLIAM	{ Boro' Engineer's Office, Reading.
1886 May 18.	HOWARD, JOHN GEORGE ..	{ Vaulbank Coal Co., Ltd., Uitkyk, Transvaal.
1910 Dec. 6.	*HOWARD, PERCY	{ Fraser & Chalmers, Ltd., Singapore, S.S.
1908 Apr. 7.	HOWARD, STUART WILLIAM ..	{ King, King & Co., Bombay.
1908 Apr. 7.	HOWARTH, FRED	{ Borough Engineer's Office, Bacup.
1912 Mar. 5.	HOWE, HENRY, B.A. (Cantab.)	{ East Indian Railway, Calcutta.
1912 Jan. 9.	*HOWELL, ARTHUR PERCIVAL ..	{ City Surveyor's Dept., Council House, Birmingham.
1913 Feb. 4.	{ *HOWELL, ERIC EARNSHAW, M.A. (Cantab.) }	{ Beltwood, Sheffield.

Date of Election.	ASSOCIATE MEMBERS.	
1906 Dec. 4.	HOWELL, HERBERT HOLMES ..	{ 73 Chesterfield Road, St. Andrews, Bristol.
1883 May 29.	HOWELL, SAMUEL EARNshaw ..	{ The Brook Steel Works, Sheffield. (Howell, Sheffield.)
1907 Jan. 8.	HOWELLS, DANIEL PETER ..	{ Town Engr., Benoni, Transvaal.
1891 Dec. 1.	*HOWLEY, WILLIAM JOHN ..	{ Bellary, Madras Presidency, India.
m † R 1910 Dec. 6.	*HOWORTH, BEN	{ Lee Conservancy Board, Enfield Lock, Middx.
1897 Apr. 6.	HOWSIN, CECIL GASCOYNE ..	{ 110 Cannon Street, E.C.
1898 Dec. 6.	HUBBACK, THEODORE RATHBONE	{ Pertang, Jelebu, F.M.S.
1911 Feb. 7.	*HUDDART, ALFRED HARRY ..	{ 10 Sydney Road, Richmond, Surrey.
1892 Mar. 1.	*HUDDART, JOHN	{ New Glasgow, Nova Scotia.
† 1905 Feb. 7.	{ *HUDDART, LINDOW HEReward } LEOFRIC, M.A. (<i>Cantab.</i>) ..	{ 2 & 3 West Street, Finsbury Circus, E.C.
1909 Apr. 6.	HUDSON, ERNSLY HASKOLL ..	{ N.G.S. Ry., Jalna, Deccan, India.
1879 May 27.	HUDSON, JAMES CADOUX ..	{ 75 Upp. Ground St., Blackfriars, S.E.
1899 Apr. 11.	*HUDSON, WALTER	{ P.O. Box 1196, Cape Town.
1914 Feb. 3.	HUGHES, EDWARD HENRY ..	{ P.O. Box 23, Irrigation Dept., Cape Town.
1892 Dec. 6.	*HUGHES, EDWARD MORGAN ..	{ 8 Fairholme Road, Great Crosby, Liverpool.
1904 Apr. 12.	{ HUGHES, FRANCIS EDWARD } HAROLD	{ Morrison & Co., 11 Queen Victoria Street, E.C.
1900 Dec. 4.	{ HUGHES, FREDERIC SELBY, } B.Sc. (<i>Victoria</i>)	{ Bengal-Nagpur Ry., Calcutta.
1910 Dec. 6.	*HUGHES, HENRY	{ P.W.D., Hsipaw, Burma.
1891 Feb. 3.	HUGHES, HERBERT WILLIAM ..	{ 24 Wolverhampton Street, Dudley.
1908 Dec. 1.	HUGHES, HUGH	{ 426 Agnes Street, New Westminster, B.C.
1907 Dec. 3.	*HUGHES, IAN DAVID ERSKINE	{ National Bank of India, Ltd., Lahore.
1890 Feb. 4.	{ *HUGHES, WILLIAM GEORGE } CRAWFORD	{ Hampton House, The Avenue, St. Margaret's, Twickenham.
1913 Dec. 2.	{ *HULL, GORDON BURNETT } GIFFORD	{ Highfield, Blackwell, Bromsgrove.
1896 Feb. 4.	*HULME, EDWIN	{ 20 North John Street, Liverpool.
1892 Dec. 6.	HUMAN, EDWIN	{ Colombo, Ceylon.
1900 Apr. 3.	HUME, ALBERT STEWART ..	{ Hume Brothers, 472 Calle Lavalle, Buenos Aires.
1879 Apr. 1.	HUME, EDWARD NATHANIEL ..	{ 32 Erlanger Road, New Cross, S.E.
† 1898 Dec. 6.	{ *HUMMEL, FRANK HARVEY, } M.Sc. (<i>Birmingham</i>)	{ Engineering Dept., Queen's University, Belfast.
1894 Dec. 4.	*HUMMEL, HORACE JAMES JORDAN	{ Newlands, Horley, Surrey.
1902 Apr. 8.	*HUMPHREY, BARNARD	{ Office of Superintendent of Line, Motor Car Dept., G. W. Ry., Slough.
1894 May 1.	*HUMPHREYS, HENRY HOWARD	{ 28 Victoria Street, S.W.
1907 Apr. 9.	HUMPHREYS, WILLIAM HENRY	{ Lendal Hill, York.
1885 Feb. 3.	HUMPHRYS, NORTON HENRY ..	{ Gasworks, Salisbury.
1907 Dec. 3.	{ HUMPHRYS, ROBERT ARTHUR, } B.Sc. (<i>Engineering</i>) (<i>Lond.</i>)	{ Powysland Plantation, Kilifi, P.O. Takaungu, British East Africa.
1893 Feb. 7.	*HUNT, BERNARD	{ Fairwarp, Burgh Heath, Surrey.
1909 Apr. 6.	HUNT, CHARLES FRANK	{ 74 Casewick Road, West Norwood, S.E.
1906 Mar. 6.	*HUNT, GEORGE EDWARD ..	{ Khartoum, Sudan.
1886 Mar. 2.	*HUNT, HENRY CHARLES TERRETT	{ 12 Harold Road, Upper Norwood, S.E.
1900 Apr. 3.	*HUNT, LOUIS JOHN	{ Sandycroft Foundry, Hawarden, Chester.
1904 Jan. 12.	{ HUNTER, CAMPBELL MURRAY, } M.A. (<i>Cantab.</i>)	{ 3 Lombard Street, E.C.
1899 Dec. 5.	HUNTER, GEORGE LEWIS ..	{ Guildhall, Newcastle-on-Tyne.

Date of Election.		ASSOCIATE MEMBERS.	
m	1910 Dec. 6.	{ *HUNTER, HOLIDAY LEY- CESTER, B.Sc. (<i>Manchester</i>) }	Bank House, Woodley, Cheshire.
	1913 Mar. 11.	{ *HUNTER, JAMES WHITAKER, B.Sc. (Engineering) (<i>Lond.</i>) }	Carisbrooke, Albany Crescent, Clay- gate, Surrey.
	1879 Feb. 4.	*HUNTER, JOHN	Quarry Bank, Belper.
	1907 Feb. 5.	*HUNTER, JOHN INGLIS	Lowood, Mayberry Grove, Middles-
	1889 Feb. 5.	*HUNTER, MAURICE	Bridge Street, Belper. [brough.
	1910 Jan. 11.	HUNTER, STEPHEN JAMES ..	37 Kibislaw Deu South, Aberdeen.
	1907 Feb. 5.	{ *HUNTER, THOMAS MAC- MILLAN, M.A., B.Sc. (<i>Glas.</i>) }	50 Wellington Street, Glasgow.
	1897 Apr. 6.	HUNTER, WALTER JAMES ..	{ Grand Junction Waterworks, Kew Bridge, W.
t +	1901 Apr. 23.	{ *HURLEY, FREDERICK ARTHUR, F.C.H. }	Chief Engineer, Irrigation Dept., Pretoria, Transvaal.
	1897 Dec. 7.	HURSE, ALFRED EDWARD ..	Rothbury, Greenhithe, Kent. [S.W.
	1903 Apr. 7.	HURST, BERTRAM LAWRENCE ..	Craig's Court House, Charing Cross.
	1902 Dec. 2.	*HURST, GEORGE FREDERICK ..	{ Elvaston, London Road, Coalville, Leicester.
	1912 Dec. 3.	HURST, HARRY BROUGHTON ..	{ Director of Works Dept., H.M. Dockyard, Portsmouth.
W t +	1897 Mar. 2.	HUSBAND, JOSEPH	22 Elmore Road, Sheffield.
	1908 Jan. 14.	{ *HUSBANDS, HENRY WILLIAM SPURR }	Kalmeswar, Nagpur District, C.P., India.
	1900 Apr. 3.	HUSTON, WILLIAM EDWARD ..	{ 18 Marlborough Street, London- derry.
	1889 Apr. 2.	HUTCHINGS, CHARLES ARTHUR	{ Boulton & Co., Puerto Cabello, Venezuela.
	1908 Apr. 7.	{ *HUTCHINSON, CHARLES HILTON, B.A. (<i>Contab.</i>) }	Buxton Lodge, Meads, Eastbourne.
	1898 Apr. 5.	*HUTCHINSON, HENRY WESTERN	Crabwood, Old Shirley, Southampton.
	1909 Dec. 7.	{ *HUTCHINSON, JAMES ANNAC- KER }	Town Hall, Paignton.
	1895 Dec. 3.	*HUTCHINSON, WILLIAM HAINES	21 Queen Anne's Gate, S.W.
	1911 Dec. 5.	{ HUTCHISON, ALEXANDER, B.Sc. (<i>Glas.</i>) }	Drummond, McCall and Co., Montreal.
	1908 Feb. 4.	{ *HUTCHISON, DONALD MAX- WELL WRIGHT, B.Sc. (En- gineering) (<i>Lond.</i>) }	Electric Light Dept., P.W.D., Kuala Lumpur, F.M.S.
	1894 Jan. 9.	{ *HUTCHISON, GEORGE LEAN, B.Sc. (<i>Glas.</i>) }	80 West Nile Street, Glasgow.
	1905 Jan. 10.	*HUTCHISON, ROBERT	{ 38 Edgemont Street, Langside, Glasgow.
	1902 Apr. 8.	*HUTCHISON, WILLIAM	{ Millerest Collieries, Ltd., Millerest, Alberta, Canada.
	1912 Dec. 3.	HUTSON, EWART GRAY	James Diggle & Son, Heywood, Lancs.
	1913 Dec. 2.	{ *HUTT, HAROLD VERNON, B.Sc. (Engineering) (<i>Lond.</i>) }	The Moorings, Wallington, Surrey.
	1911 Dec. 5.	*HUTTON, CHARLES GRANT ..	{ Killin, Eastwood Lane, Westcliff- on-Sea.
	1886 Dec. 7.	*HUTTON, CHARLES HERBERT ..	King, King & Co., Bombay.
	1905 Mar. 7.	*HUTTON, CHARLES INGLIS ..	Caprous, Lewes, Sussex.
	1879 May 6.	HUTTON, THEODORE BENT ..	9 Sketty Road, Swansea.
	1887 Apr. 5.	*HUTTON, WALTER HERBERT ..	{ 3 St. Andrew's Road, West Ken- sington, W.
	1895 Dec. 3.	*HUTTON, WILLIAM	Govt. Sanitary Engineer, Madras.
	1905 Dec. 5.	{ *HUTTON, WILLIAM AUSTIN, M.Sc. (<i>Victoria</i>) }	332 Killinghall Road, Undercliffe, Bradford.
	1912 Dec. 3.	*HUXHAM, WILLIAM HENRY ..	{ Town Engr., Council Chambers, Too- wong, nr. Brisbane, Queensland.
	1912 Apr. 2.	*HYDE, JAMES HENRY	{ 8 Charemont Road, Teddington, Middlesex.
	1895 Dec. 3.	HYSLOP, JOHN	{ Middleton-in-Teesdale, via Darling- ton.

	Date of Election.	ASSOCIATE MEMBERS.	
	1913 Dec. 2.	*IAGO, GUY ROBERT	{ 58 Plympton Road, Brondesbury, N.W.
	1876 Mar. 7.	PANSON, WILLIAM	Bardencroft, Saltburn-by-the-Sea.
	1888 Dec. 4.	*IKIN, ARTHUR JOHN	{ Puget Sound Wood Preserving Co., Lowell, Washington, U.S.A.
	1911 Apr. 4.	*INGHAM, ARTHUR GEORGE ..	15 St. Clair Terrace, Edinburgh.
	1914 Feb. 3.	*INGLEBY, EDWARD CECIL ..	{ Ingleby and Co., Ltd., Elland Road, Leeds.
m	1901 Feb. 5.	{ *INGLIS, CHARLES EDWARD, M.A. (<i>Cantab.</i>)	Ball's Grove, Grantchester, Cambridge.
	1901 Apr. 2.	*INGLIS, JOHN, B.Sc. (<i>Edin.</i>) ..	{ Dereenalomane, Ballydehob, Skibbereen, co. Cork.
	1907 Apr. 23.	{ *INGLIS, ROBERT CHARLES, Jun., B.Sc. (<i>Edin.</i>)	Great Southern Ry., Buenos Aires.
	1909 Apr. 6.	*INGLIS, ROBERT JOHN MATHISON	Tantah House, Peebles.
	1900 Dec. 4.	{ INGOLDEY, THOMAS EDWARD, B.A. (<i>Cantab.</i>)	Siemens Bros. Dynamo Works, Ltd., Caxton House, Westminster, S.W.
m +	1913 Apr. 22.	*INGRAM, GEORGE	{ G.W. of Brazil Ry., Caixa 114, Pernambuco, Brazil.
	1901 Apr. 2.	INMAN, CECIL DAUBENY	Harbour Works, Lagos, S. Nigeria.
	1908 Feb. 4.	*INNES, CHARLES, B.Sc. (<i>Edin.</i>)	T. Cook & Son, Rangoon, Burma.
R	1913 Feb. 4.	*IRELAND, FRANK WILLIAM ..	{ c.o. Sanitary Engineer to Government of Madras, Chepauk, Madras.
	1912 Mar. 5.	*IRENS, MAX HENRY	{ c.o. Agent, Robilkhund & Kumaon Ry., Bareilly, U.P., India.
+	1899 Jan. 10.	IRVINE, FEARNSIDE	{ 1 London Wall Buildings, London Wall, E.C.
	1901 Apr. 23.	{ IRWIN, ARTHUR JOHN, B.A.I. (<i>Dubl.</i>)	Royal Survey Dept., Bangkok, Siam.
	1905 Feb. 7.	{ *ISLE, WILLIAM COLLENSON, B.Sc. (<i>Victoria</i>)	Boston Road, Horncastle, Lincs.
	1887 Apr. 5.	*IVE, ERNEST	The Hermitage, Mead Vale, Redhill.
	1880 Dec. 7.	IVENS, THOMAS EDWARD ..	Hillside, Hanger Lane, Ealing, W.
	1895 Feb. 5.	IVOR-MOORE, THOMAS	War Office, 80 Pall Mall, S.W.
	1913 Dec. 2.	*IZARD, EDWARD WHITAKER ..	Yarrow & Co., Scotstoun, Glasgow.
	1906 Apr. 10.	*IZAT, JOHN	Grindlay, Groom & Co., Bombay.
	1909 Dec. 7.	*IZAT, JOHN FERGUSON	{ Ganges Bridge, B. & N.W. Ry., Jhusi, Dist. Allahabad, India.
	1887 Dec. 6.	*JACK, ARTHUR JOSEPH	The Moorings, Seaford, Sussex.
	1885 May 19.	*JACKAMAN, CHARLES JAMES ..	Highfield, Bath Road, Slough.
	1888 Apr. 10.	JACKS, THOMAS WILLIAM MOSELEY	{ Wm. Beardmore & Co., Ltd., Wheel & Axle Dept., Parkhead, Glasgow.
	1900 Apr. 3.	*JACKSON, ALFRED ERNEST ..	{ Borough Engr., Town Hall, Southport.
t +	1899 Dec. 5.	{ *JACKSON, CLEMENTS FREDERICK, VIVIAN, B.E. (<i>Sydney</i>) ..	Mines Dept., Brisbane, Queensland.
	1883 May 29.	JACKSON, EDWARD JAMES ..	Kinburn West, St. Andrews, N.B.
	1907 Jan. 8.	{ *JACKSON, EDWARD ROBERT, HOULTON	Engineer's Office, Port Trust, Bombay.
	1910 Dec. 6.	JACKSON, FRANK NEWTON ..	26 Bedford Row, W.C.
+	1891 Dec. 1.	*JACKSON, GEORGE FREDERICK	{ Engr.'s Office, N.E. Ry., Newcastle-on-Tyne.
	1900 Dec. 4.	*JACKSON, HARRY	39 Newhall Street, Birmingham.
	1914 Feb. 3.	{ JACKSON, HERBERT ALFRED, B.C.E. (<i>Melb.</i>)	Commonwealth Lighthouse Branch, Dept. of Trade and Customs, 51 Spring Street, Melbourne, Victoria.
	1892 Apr. 5.	JACKSON, JAMES EDWARD ..	Batu Gagah, Perak, F.M.S.
	1899 Apr. 11.	{ JACKSON, JAMES THOMAS, M.A., M.A.I. (<i>Dubl.</i>) ..	37 York Road, Rathmines, Dublin.

Date of Election.	ASSOCIATE MEMBERS.	
1895 Jan. 8.	JACKSON, ROBERT CATTLEY ..	{ Gorman, Clancey & Grindley, Ltd., Calgary, Alta., Canada.
1887 Jan. 11.	*JACOMB, WILLIAM WYKENHAM ..	{ H. S. King & Co., Pall Mall, S.W.
1902 Dec. 2.	{ *JACOMB - HOOD, MALCOLM SUTHERLAND }	{ 4 Commercial Buildings, Calcutta.
1897 Feb. 2.	*JACQUES, HAROLD SISSON ..	{ 801 New Birks Building, Montreal, Canada.
1892 Jan. 12.	*JACQUES, HERBERT INNES ..	{ 12 Chantry Road, Clifton, Bristol.
1905 Mar. 7.	{ *JAFFÉ, ARTHUR DANIEL, M.A. (<i>Cantab.</i>) }	{ New Court, Temple, E.C.
1902 Jan. 14.	*JAFFE, DANIEL	{ P.W.D., Hong Kong [<i>via</i> Siberia].
1913 Dec. 2.	*JAGGAR, WILFRED	{ Borough Engr.'s Office, Hudders- field.
1893 Dec. 5.	*JAMES, ARTHUR CHARLES ..	{ District Council, Grays, Essex.
1911 Apr. 4.	JAMES, DAVID	{ 2 Chardmore Road, Upper Clapton, N.E.
1913 Jan. 11.	*JAMES, EDWARD HENRY ..	{ Foundation Co., Ltd., Bear River Bridge, nr. Digby, N.S., Canada.
1889 Jan. 8.	*JAMES, REGINALD WILLIAM ..	{ St. Mildreds, Cambridge Road, Bromley, Kent.
1909 Dec. 7.	*JAMES, WILLIAM EWART ..	{ 37 Park Grove, Derby.
1900 Apr. 3.	{ *JAMES, WILLIAM HENRY, B.Sc. (<i>Wales</i>) }	{ Principal, College of Engineering, Madras, India.
1880 Feb. 3.	*JAMESON, GEORGE	{ Bow Street Distillery, Dublin.
1892 Feb. 2.	*JAMESON, HENRY BENTLEY ..	{ Bellair, near Durban, Natal.
1909 Dec. 7.	*JAMESON, LAWRENCE WATSON	{ Rhodesia Rys., Ltd., Bulawayo, Rhodesia.
1905 Apr. 4.	JAMESON, MATTHEW WILLIAM	{ 112 Cazenove Road, Stoke Newing- ton, N.
1912 Apr. 23.	{ JAMESON, WILLIAM HOPE MASTERTON, B.Sc. (<i>Victoria</i>) }	{ Langham Lea, Langham Road, Bowdon, Cheshire.
1895 Dec. 3.	*JAMIESON, FREDERICK ALEXANDER	{ Chinese Government Rys., Tongshan, N. China [<i>via</i> Siberia].
1906 Apr. 3.	{ JAMIESON, JOHN CHRISTIAN, M.A. (<i>Oxon.</i>) }	{ 35 Charlotte Square, Edinburgh.
1901 Dec. 3.	*JAMIESON, WILLIAM	{ 46 Devonshire Road, Liverpool.
1904 Feb. 2.	*JANSEN, EDWARD CLINTON ..	{ Colorado Power Co., 828 Symes Building, Denver, Colorado, U.S.A.
1895 May 21.	{ *JANSON, EDMUND WILLIAM, M.A. (<i>Cantab.</i>) }	{ 23 St. Swithiu's Lane, E.C.
1910 Jan. 11.	{ *JARDINE, ALEXANDER, B.Sc. (<i>Edin.</i>) }	{ 93 Clive Street, Calcutta.
1888 Dec. 4.	*JASPER, NICHOLAS PAUL ..	{ 4 Queen Anne's Gate, St. James's Park, S.W.
1910 Dec. 6.	*JEAVONS, ERNEST EDWIN ..	{ 38 Upper Grosvenor Road, Hand- sworth Wood, Birmingham.
1887 Dec. 6.	JEEJEEBHROY, PIROSHAW BOMANJEE	{ 37 Pedder Road, Bombay.
1898 Apr. 5.	{ *JEFFARES, JOHN LETT SEALEY, B.Sc. (<i>Edin.</i>) }	{ Nieuwjaarspruit, Aliwal North Cape Colony.
1910 Dec. 6.	{ JEFFCOTT, HENRY HOMAN, B.A.I. (<i>Dubl.</i>) }	{ Royal College of Science for Ireland, Dublin.
1912 Feb. 6.	*JEFFERIS, CHARLES EDWARD	{ Punjab Irrigation, e.o. King, King & Co., Bombay.
1889 Feb. 5.	JEFFERISS, THOMAS	{ Cornwall Works, Soho, Birmingham.
1913 Dec. 2.	*JEFFERSON, HERBERT FERRIER	{ 2217 First Avenue, W., Kitsilano, Vancouver, B.C.
1906 Apr. 3.	JEFFES, REGINALD HERBERT	{ Council Offices, New Malden, Surrey.
1908 Dec. 1.	JEFFREE, FRANK HENRY ..	{ Kelbrook, Stanley Road, South Woodford, N.E.
1881 Dec. 6.	*JEFFREYS, EDWARD HOMER ..	{ Greenholme, Burley-in-Wharfedale.
1911 Dec. 5.	{ *JEMMETT, FRANK RUPERT, M.A. (<i>Cantab.</i>) }	{ West Uplands, Portsmouth Road, Guildford.

Date of Election.	ASSOCIATE MEMBERS.	
1894 May 22.	*JENKINS, ALFRED JOHN	{ New Waterworks Co., 27 Broad Street, Jersey.
1895 May 21.	*JENKINS, CHARLES WILLIAM ..	{ Colmena, Tamworth, N.S.W.
1890 Feb. 4.	*JENKINS, DAVID MORGAN ..	{ Borough Surveyor, Neath.
1907 Dec. 3.	JENKINS, HARRY BECKINGHAM	{ 49 Bushmead Avenue, Bedford.
1891 Apr. 7.	JENKINS, HENRY CHARLES ..	{ 10 Gatestone Road, Upper Norwood, S.E.
1913 Jan. 14.	{ JENKINS, RHYS TREVOR, } { B.Sc. (Engineering) (Lond.) }	{ 29 Bideford Gardens, Monkseaton, Northumberland.
1906 Dec. 4.	*JENKINS, WILLIAM LIONEL ..	{ Shire Hall, Bury St. Edmunds.
1908 Jan. 14.	{ *JENKINS, WILLIAM REES, } { B.Sc. (Engineering) (Lond.) }	{ Parry, Blake & Parry, 82 Victoria Street, S.W.
1913 Apr. 1.	{ JENKINSON, HERBERT GORDON, } { B.C.E. (Melbourne) }	{ 7 First Floor, Bowman Buildings, King William Street, Adelaide, South Australia.
1914 Feb. 3.	JENNINGS, ARTHUR CYRIL ..	{ Reenen Irrigation Board, Engr.'s Office, P.O. Patentie, Dist. Humansdorp, C.P., S. Africa.
1908 Mar. 3.	*JENNINGS, FRANK PERCY ..	{ Engr.'s Office, Dept. of Marine and Fisheries, Ottawa, Canada.
1902 Apr. 8.	JERRAM, GEORGE	{ Council Offices, Kingston Road, Merton, Surrey.
1911 Jan. 10.	*JERVOISE, EDWYN	{ 48 Albert Hall Mansions, S.W.
1914 Feb. 3.	{ *JESSON, ARTHUR WILLIAM } { MOSLEY }	{ Grindlay and Co., Bombay.
1897 Apr. 6.	JEVONS, JOHN HENRY	{ Boro' Surveyor, Hertford.
1889 Dec. 3.	JICKELL, SAMUEL	{ Boro' Engineer, Palmerston North, New Zealand.
1885 Feb. 3.	*JOBLING, EDWARD FISHER ..	{ 2 Spencer Road, Wandsworth Common, S.W.
m † 1877 Feb. 6.	*JOEL, HENRY FRANCIS	{ 74 Windsor Road, Forest Gate, E.
1911 Dec. 5.	JOHN, FRANK ORMOND	{ Cammell Laird & Co., Tranmere Shipyards, Birkenhead.
1908 Dec. 1.	JOHN, THOMAS GEORGE	{ Vickers, Sons & Maxims, Ltd., Naval Construction Works, Barrow-in-Furness.
1896 Dec. 1.	*JOHNS, PERCY	{ Guildhall, Maidenhead.
† 1885 Mar. 3.	{ *JOHNS, Sir WILLIAM ARTHUR, } { C.I.E. }	{ Altan, Carrickfergus, Ireland.
1894 Dec. 4.	JOHNSON, ALGERNON EDWARD	{ Tyddyn-Bach, Penmaenmawr, N. Wales.
1906 Apr. 3.	*JOHNSON, CHARLES CUTHBERT	{ 1 St. Sepulchre Gate, Doncaster.
1892 Mar. 1.	*JOHNSON, CHARLES THOMPSON	{ Boro' Engineer, Thornaby-on-Tees.
1906 Feb. 6.	*JOHNSON, HARRY OSCAR	{ Chief Mechanical Engr., Grängesberg-Exelösund Rys., Eskilstuna, Sweden.
1891 Jan. 13.	JOHNSON, HENRY CLEWLY ..	{ Midland Ry., Engineer's Office, Ambergate.
1913 Dec. 2.	{ JOHNSON, PHILIP BULMER, } { B.A. (Cantab.) }	{ Woodlands, Merrow, Guildford.
1898 Apr. 5.	*JOHNSON, PHILIP HEBER ..	{ Engineer's Office, Midland Ry., Derby.
1911 Dec. 5.	*JOHNSON, WILLIAM HERBERT	{ City Surveyor's Office, Chester.
1910 Mar. 1.	*JOHNSON, WILLIAM PERCY ..	{ Downs & Johnson, Phoenix Engineering Works, Malta.
1910 Dec. 6.	JOHNSTON, ADRIAN HOPE ..	{ P.W.D., Rawalpindi, India.
1898 Dec. 6.	{ *JOHNSTONE, ARTHUR HENRY, } { B.A.I. (Dubl.) }	{ E.I. Ry., Calcutta.
1912 Apr. 2.	{ JOLLEY, LEONARD BENJAMIN } { WILLIAM, B.A. (Cantab.) .. }	{ 11 Richmond Park Rd., East Sheen, S.W. [S.W.]
1886 Mar. 2.	JONES, CHARLES EDWIN	{ 31 Grey Coat Gardens, Westminster.
1888 Apr. 10.	*JONES, CYRIL EDWARD ARENGO	{ Kingstou Manor, Taunton.
1884 May 6.	JONES, EDWARD DUKINFIELD ..	{ Castro, Reigate.

Date of Election.	ASSOCIATE MEMBERS.	
1894 Jan. 9.	{ JONES, ELIAS CHRISTOPHER, B.Sc. (<i>London</i>) }	5 Rugby Road, Neath.
1901 Dec. 3.	JONES, FRANK WILLIAM ..	M. Ry., Engr.'s Office, Derby.
1907 Apr. 9.	JONES, FREDERICK WILLIAM ..	Frome, Somerset.
1886 Mar. 2.	JONES, HAROLD	8 Nevern Road, Earl's Court, S.W. { Engr.'s Dept., G. W. of Brazil Ry. Co., Pernambuco.
1912 Apr. 2.	*JONES, HAROLD DUNIAM ..	{ 60 Wellington Road, Handsworth, Birmingham.
1910 Dec. 6.	JONES, HARRY CESAR	20 Sherard Gardens, Eltham, Kent.
1909 Apr. 6.	JONES, HENRY JOHN ALFRED ..	{ Abu Road, Rajputana, India.
1904 Apr. 12.	JONES, HENRY LANGLEY ..	{ JONES, HOWARD AUGUSTUS, B.E. (<i>Royal</i>) }
1910 Dec. 6.	{ JONES, HOWARD AUGUSTUS, B.E. (<i>Royal</i>) }	Ardara, co. Donegal.
1913 Dec. 2.	*JONES, HOWARD PERCY BYERS	{ Asiatic Petroleum Co., Ltd., 7 Kinliang Road, Shanghai, China.
1906 Apr. 3.	JONES, ISAAC JAMES	127 Camberwell New Road, S.E.
1887 May 3.	JONES, JOHN CHARLES DWAFYDD	8 Dean Terrace, Liskeard, Cornwall.
1906 Apr. 10.	*JONES, JOHN FREDERICK ..	{ Res. Engr.'s Office, Sir W. G. Arm- strong, Whitworth & Co., Ltd., Aviation Works, Barlow, nr. Selby.
1875 Feb. 2.	*JONES, JOHN HUNTER	Hyes, Rudgwick, Sussex.
1891 Dec. 1.	JONES, MONTAGUE RHYS ..	{ 87 Belsize Park Gardens, Hamp- stead, N.W.
1876 Dec. 5.	*JONES, OWEN	{ Blackall Range Road, Beeswah, Queensland.
1912 Dec. 3.	{ *JONES, PERCY LEWIS, B.Sc. (<i>Wales</i>) }	{ British Westinghouse Co., Ltd., Turbine Dept., Trafford Park, Manchester.
1906 Apr. 3.	JONES, RICHARD ABBOTT ..	9 Kensington Terrace, Swansea.
1913 Dec. 2.	{ JONES, RICHARD DANIEL, THOMAS }	{ 16 Upper Gloucester Place, Regent's Park, N.W.
1912 Apr. 2.	JONES, ROBERT OWEN	{ County Surveyor's Dept., County Hall, Cardiff.
1901 Dec. 3.	*JONES, SAMUEL CAREY	7 Eaton Crescent, Swansea.
1896 Apr. 14.	{ *JONES, THOMAS GILBERT, M.Sc. (<i>Victoria</i>) }	{ Municipal Technical College, Swansea.
1876 Feb. 1.	*JONES, WALTER ROBERTS ..	{ Fabrica di Gas, Figueira da Foz, Portugal.
1912 Dec. 3.	*JONES, WILFRID GRIFFITH ..	Ithelfryn, Rhyl.
1891 Apr. 7.	*JONES, WILLIAM	{ Trefarnedd, Meirion Gardens, Colwyn Bay, N. Wales.
1906 Dec. 4.	JOSCELYNE, ALFRED BAMFORD	{ Tullymore, Christ Church Road, East Sleen, S.W.
1899 Dec. 5.	*JOSELIN, EDWARD LIVINGSTONE	14 Moyser Road, Streatham, S.W.
1909 Feb. 2.	*JOSEPH, JACOB BENJAMIN ..	{ S.A. Rys., Carnarvon-Calvinia Line, Carnarvon, C.P., S. Africa.
1891 May 5.	*JOY, HENRY GOLDING	
1908 Jan. 14.	JUDAH, BRAHAM TAYLOR ..	{ Kingston General Commissioners, Kingston, Jamaica.
1896 Mar. 3.	*JUDD, CHARLES RICHARD ..	King, King & Co., Bombay.
1911 Dec. 5.	JULIAN, EDWIN HAROLD ..	{ F. Julian, Windarra, Scott Grove, Malvern, Melbourne, Australia.
1880 Feb. 3.	{ JULIAN, ROBERT HILL, B.E. (<i>Queen's</i>) }	{ Abbott's Cliff, Bampton, N. Devon.

Date of Election.	ASSOCIATE MEMBERS.	
1884 May 6.	KAPTEYN, ALBERTUS PHILIPPUS	{ Westinghouse Brake Co., York Rd., N. (Westinghouse, London. King's Cross 620.)
1914 Feb. 3.	{ KATRAK, NAOROSJI DADABHAI, L.C.E. (<i>Bombay</i>) }	{ 21 C.D. Tardeo Road, Bombay, India.
1894 Dec. 4.	KATRAK, NAVROJI HORMASJI	{ 229 Borah Bazar St., Fort, Bombay.
1900 Dec. 4.	KATZENSTEIN, ERNEST	{ Calle Piedras 113, Montevideo, Uruguay.
1912 Dec. 3.	{ KAUL, INDRA KRISHNA, B.Eng. (<i>Liverpool</i>) }	{ Asst. Engr., P.W.D., Lahore, India.
1908 Dec. 1.	KAY, GEORGE HERBERT	{ 602 Liverpool Road, Irlam, Manchester.
1898 Dec. 6.	KAY, WALTER ROBERT	{ Highway Board, Douglas, Isle of Man.
R 1914 Apr. 7.	{ *KAYE-PARRY, ERIC, B.A.I. (<i>Dublin</i>) }	{ 6 Charlemont Terrace, Kingstown, Dublin.
1906 Dec. 4.	KEAY, WILLIAM	{ 21 Danes Hill Road, Leicester.
1912 Dec. 3.	{ *KEDSLIE, HAMILTON FYFE, B.Sc. (<i>Edin.</i>) }	{ Engr.'s Office, N.E. Ry., York.
1893 Mar. 7.	*KEELING, HUGH TROWBRIDGE	{ c.o. H. S. King & Co., 9 Pall Mall, S.W.
m ✕ 1899 Dec. 5.	*KEIGWIN, ARCHER DAVE	{ Westview, Hythe, Kent.
1887 Mar. 1.	KEIR, FRANCIS LINDSAY	{ Ry. Dept., Brisbane, Queensland.
1904 Jan. 12.	KEITH, DAVID ALEXANDER	{ Walton, Effingham Road, Surbiton.
1888 Dec. 4.	KEITH, JAMES	{ 27 Farrington Avenue, E.C. (James Keith, London. Holborn 620.)
1893 Jan. 10.	*KELLETT, HARRY	{ 274 Birkbeck Bank Chambers, High Holborn, W.C.
t ✕ 1904 Apr. 19.	KELLY, JAMES	{ 34 Wickston Drive, Stenfills, Runcorn.
1894 Feb. 6.	KEMP, JOHN	{ City Engineer, Town Hall, Brisbane, Queensland.
1881 May 31.	KEMPSON, CHARLES	{ 22 Millstone Lane, Leicester.
1890 Dec. 2.	*KEMPSON, CHARLES ALDWIN	{ Dock Office, Liverpool.
1890 Dec. 2.	KENDALL, ROBERT	{ Existing Lines Dept., Sydney, N.S.W.
1914 Jan. 13.	*KENDRICK, EDWARD ROBERT	{ P.W.D., Lagos, Southern Nigeria.
1910 Jan. 11.	KENNEDY, DUNCAN	{ The Camp, Khanka, Lower Egypt.
1899 Dec. 5.	*KENNEDY, ROBERT SINCLAIR	{ Glengall Ironworks, Ltd., Millwall, E.
1895 Dec. 3.	KENNEDY, THOMAS	{ Ry. Construction Dept., Sydney, N.S.W.
1912 Jan. 9.	{ *KENNETT, WILLIAM CHARLES, B.Sc. (<i>Engineering</i>) (<i>Lond.</i>) }	{ 61 Dunvegan Road, Eltham, S.E.
1905 Apr. 4.	KENRICK, JOHN PAINTER	{ c.o. Grindlay & Co., 54 Parliament Street, S.W.
1909 Jan. 12.	*KENT, CLAUDE GEORGE	{ 16 Bamford Road, Didsbury, Manchester.
1911 Dec. 5.	*KENT, HENRY TUFFLEY MONEY	{ 71 The Avenue, Ealing, W.
1898 Dec. 6.	*KENT, ROBERT JACKSON	{ c.o. H. S. King & Co., 9 Pall Mall, S.W.
1876 Mar. 7.	KENWORTHY, EDWIN	{ 11 Waterloo Street, Birmingham.
1912 Apr. 2.	KENWORTHY, GEORGE	{ Adalyn, Viewfield Road, Bishopbriggs, Glasgow.
1910 Dec. 6.	{ KENYON, GEORGE HENRY, M.Sc. (<i>Manchester</i>) }	{ Bella Sola, Joel Laue, Hyde.
1902 Jan. 14.	{ KER, ANDREW MARTIN, B.Sc. (<i>Victoria</i>) }	{ Borough Engineer, Warrington.
1899 Dec. 5.	{ KER, JOHN STUART, B.Sc. (<i>Edin.</i>) }	{ Westminster Technical Institute, Vincent Square, S.W.
1907 Apr. 9.	KERR, ALEXANDER	{ Bank Cottage, Ingleton, Yorks.
1887 May 3.	*KERSHAW, FREDERICK WHITE	{ 3 Conyers Avenue, Birkdale, Southport.

Date of
Election.

ASSOCIATE MEMBERS.

1912 Dec. 3.	{ *KERSHAW, LAWRENCE WILLIAM, B.Sc. (Birmingham) }	Engr.'s Office, Tyburn, Birmingham.
1907 Dec. 3.	*KESTING, ROBINSON FRIEDRICH	Casilla Correo 545, Buenos Aires.
1904 Dec. 6.	KEY, THOMAS DOW	{ Alexandria Water Co., Ltd., Alexandria, Egypt.
1910 Feb. 1.	{ *KHAN, FRAMJEE PESTONJEE, B.A. (Cantab.) }	Dinshawjee Bhikhajee Khan & Co., 249 Dongri Street, Mandvi, Bombay.
1903 Feb. 3.	{ KHAREGAT, MARCUS MERWAN RUTTONJEE }	Dowlaisweram, Godavery District, S. India.
1906 Apr. 3.	*KIBBLE, EDMUND DAVID ..	{ State Engr.'s Office, P.W.D., Taiping, Perak, F.M.S.
1893 Feb. 7.	KIDD, THOMAS	Swadlincote, Burton-on-Trent.
1910 Apr. 5.	KIERMAN, HERBERT RICHARD	55 Piccadilly, Manchester.
1907 Jan. 8.	{ *KIERNAN, THOMAS JOHN RANSOM, B.Sc. (Engineering) (Lond.) }	Glen Lyn, The Ridgway, Sutton, Surrey.
1900 Apr. 3.	{ *KIESER, WILLIAM HENRY GUSTAV }	City Engineer's Office, Bristol.
1889 Feb. 5.	KIKKAWA, SANJIRO	{ 10 Nishikatamaehi, Hongo-Ku, Tokio, Japan [via Siberia].
1897 Dec. 7.	KILGOUR, MARTIN HAMILTON ..	Holly Hall, Harrison Street, East Orange, New Jersey, U.S.A.
1908 Dec. 1.	*KILLICK, JOHN SPENCER ..	The Road Board, Westminster, S.W.
1893 Jan. 10.	*KILLON, HARRY BIRCH ..	Titan Works, Stourbridge.
1906 Dec. 4.	KILNER, RUPERT	Malta House, Oldham.
1912 Dec. 3.	KINDELL, FRANCIS PERCY ..	Council Offices, Beckenham.
1908 Apr. 7.	{ KINDER, FREDERICK THOMAS, B.Sc. (Birmingham) }	Fort Terrace, Malacca, S.S.
1910 Apr. 19.	*KINDER, GEOFFREY RICHARD	Irrigation Dept., Fayum, Egypt.
1892 Jan. 12.	*KINDERSLEY, ARTHUR EDWARD	{ The Grove, Little Coxwell, Faringdon, Berks.
✦ 1894 Dec. 4.	*KING, CHRISTOPHER WATKINS	{ Harbours & Water Supply Branch, P.W.D., Sydney, N.S.W.
1892 Dec. 6.	{ KING, FRANCIS ALEXANDER STUART }	Cliftonville, Bray, co. Wicklow.
1914 Apr. 7.	{ *KING, GEORGE WHITAKER, B.E. (New Zealand) }	P.W.D., Wellington, N.Z.
1910 Apr. 5.	*KING, HERBERT EDWARD ..	62 Hertford Road, Bootle, Liverpool.
1910 Jan. 11.	*KING, JOSEPH STUART ..	{ City Engr.'s Office, Council House, Birmingham.
1912 Feb. 6.	{ *KING, LIONEL, B.Sc. (Engineering) (Lond.) }	Central Workshops, Amritsar, Punjab, India.
1904 Apr. 19.	KING, ROBERT	The Bungalow, Dundee, Natal.
1882 May 23.	*KINGDON, ZACHARY HARRIS ..	5 Tamar Terrace, Devonport.
1888 Jan. 10.	KINGSFORD, HERBERT ..	Casilla 120, Lima, Peru.
1890 May 20.	{ KINGSLEY, ARTHUR HENRY, B.A. (Cantab.) }	Bourne Orchard, Hertford.
1912 Feb. 6.	{ *KINNES, ALEXANDER, B.Sc. (St. Andrews) }	National Physical Laboratory, Bushy House, Teddington.
1907 Jan. 8.	{ *KIRBY, FREDERICK OSCAR, M.Sc. (Manchester and Leeds) }	Borough Surveyor's Office, Mansion House, Doncaster.
1908 Dec. 1.	KIRBY, JOHN BAXTER	{ District Engr.'s Office, G.N. Ry., Derby.
1896 May 19.	{ KIRBY, JOHN FREDERICK CAMPBELL }	Thos. Cook & Son, Bombay.
✦ 1894 Jan. 9.	KIRBY, OSCAR JOHN	Town Hall, Batley.
1914 Jan. 13.	*KIRBY, SIDNEY JAMES ..	P.W.D., Mannar, Ceylon.
1911 Dec. 5.	*KIRBY, WILLIAM HUBERT ..	{ Jens Orten-Böving & Co., 1 Yaeu-cho, 1 Chome, Tokio, Japan [via Siberia].

Date of Election.	ASSOCIATE MEMBERS.	
1905 Dec. 5.	{ KIRK, PERCY ROEBUCK, B.A. (<i>Cantab.</i>) }	Hackney Technical Institute, N.E.
1877 May 29.	KIRK, THOMAS	{ Rushton, Lytton Road, Brisbane, Queensland.
1905 Dec. 5.	KIRKCALDY, NORMAN MELVILLE	{ Shire Offices, Ouyen, Victoria, Australia.
1906 Apr. 3.	{ KIRKE, PERCY ST. GEORGE, M.A. (<i>Cantab.</i>) }	Parliament Mansions, Victoria Street, S.W.
1910 Jan. 11.	KIRKHOPE, KENNETH MACLEAY	{ District Loco. Supt., E. Bengal State Ry., Calcutta.
1910 Jan. 11.	{ KIRKPATRICK, RONALD CLAUDE YVONNE }	Divl. Engr.'s Office, G.W. Ry., Wolverhampton.
1895 Mar. 5.	KIRKPATRICK, THOMAS HENRY	Shire Engineer, Casino, N.S.W.
1897 Jan. 12.	{ *KIRKWOOD, JAMES HOWIE, B.Sc. (<i>Glas.</i>) }	Macpherson & Disselduff, 160 Argyll Street, Dunoon.
1897 Apr. 6.	*KIRKWOOD, JOHN	168A Romford Road, Forest Gate, E.
1884 Apr. 1.	KIRSTEIN, HENRY CHARLES ..	{ Knighton, The Manor Way, Black- heath Park, S.E.
1911 Jan. 10.	{ KISSEL, FREDERICK TEMPLETON MANHEIM, B.Sc. (<i>New Zealand</i>) }	{ P.W.D., Lake Coleridge, Canter- bury, New Zealand.
1904 Feb. 2.	*KITCHIN, ERIC WILFRED ..	
1872 Jan. 9.	KITT, ALFRED	Downsland, Crondall, Hants.
1897 Jan. 12.	{ KITTO, WALTER WILLIAM MURRAY }	South Africau Rys., Construction Department, Johannesburg.
1904 Apr. 12.	KNAPMAN, EDWARD	The Strand, Dawlish, Devon.
1905 Apr. 4.	{ KNEWSTUBB, FREDERICK WILLIAM }	Dist. Engr., Water Rights Branch, Parliament Bldgs., Victoria, B.C.
1905 Dec. 5.	KNIFTON, CHARLES	Apartado 42, Bilbao, Spain.
1911 Dec. 5.	*KNIGHT, ALFRED OVENDEN ..	Newton, Heriot Road, Hendon, N.W.
1891 Dec. 1.	KNIGHT, BERTRAND THORNTON	{ Royal State Rys., Southern Line, Trang, via Penang, S.S.
1904 Jan. 12.	{ *KNIGHT, JOHN ARTHUR, B.Sc. (<i>Victoria</i>) }	Wharfedale, Alperton Park, Middle- sex.
1908 Dec. 1.	KNIGHT, JOHN DOUGLAS ..	51 Culmington Road, Ealing, W.
1908 Apr. 7.	*KNIGHT, WALTER DINGLE ..	{ Mechanical Dept., State Rys., Gabbary, Egypt.
1890 Dec. 2.	KNOWLES, CHARLES EDWARD ..	Holmdale, Glossop, Manchester.
1905 Jan. 10.	{ KNOWLES, GEORGE POTTER, B.Sc. (<i>Engineering</i>) (<i>Lond.</i>) }	39 Victoria Street, S.W.
1895 Jan. 8.	KNOWLES, GEORGE WILLIAM ..	Raincliffe, Clevedon, Somerset.
1905 Apr. 11.	{ *KNOWLES, GUY JOHN FENTON, B.A. (<i>Cantab.</i>) }	Park Lodge, Albert Gate, S.W.
1888 Feb. 7.	KNOWLES, ROBERT	{ c.o. B. T. Batsford, 94 High Hol- born, W.C.
1913 Jan. 14.	*KNOX, ARCHIBALD SEPTIMUS ..	
1894 Dec. 4.	KOCH, AUGUST CHARLES	{ District Office, Ry. Dept., Wellington, N.Z.
1904 Jan. 12.	KÖHRING, ALFRED WILLIAM ..	{ F.C. Central de Cordoba, Via y Obras, Calle Cangallo 499, Buenos Aires.
1893 Dec. 5.	KOLLE, HAROLD WERNER ..	Egremont, Tulse Hill, S.W.
1901 Feb. 5.	KONDO, SENTARO	{ 27 Tatsuskacho Hongo, Tokio, Japan.
1905 Jan. 10.	KRALL, REGINALD FRANK ..	{ 5 South Street, Finsbury, E.C. (Krallinald, London. London Wall 6273.)
1898 Dec. 6.	KRAUS, JACOB	33 Nassauplein, The Hague, Holland.
1912 Dec. 3.	{ *KYNNEISLEY, THOMAS RALPH SNEYD }	Engr.'s Office, Tanjong Pagar Dock Works, Singapore, S.S.

Date of Election.	ASSOCIATE MEMBERS.	
1893 Dec. 5.	LABASTIDE, ALBERT FRANCIS DE	Port of Spain, Trinidad.
1909 Dec. 7.	*LACE, ERNEST WILLIAM ..	{ Waltair, Vizagapatam Dist., Madras Presidency, India.
1913 Dec. 2.	*LACE, WALTER HENRY ..	{ Ministry of Public Works, Cairo, Egypt.
† 1896 Dec. 1.	LACEY, JOSEPH MELVILLE ..	{ P.W. Secretariat, Chepauk, Madras, India.
1911 Jan. 10.	*LACEY, ONWARD BAYES ..	{ Works Manager's Office, N.W. (I.S.) Ry. Works, Lahore, Punjab.
1911 Apr. 4.	{ *LACEY, STEPHEN, B.Sc. (Engineering) (Lond.) }	{ Gas Light & Coke Co., 146 Goswell Road, E.C.
III 1883 May 29.	*LACEY, THOMAS STEPHEN ..	{ Gasworks, Beckton, Essex. [S.W.
1891 Dec. 1.	LACHLAN, WILLIAM ..	{ 37 Philbeach Gardens, Earl's Court,
1894 May 22.	LACKLAND, JOHN JAMES ..	{ Water Engineer, St. Helens, Lancs.
1894 Dec. 4.	LACKLAND, WILLIAM SAMUEL	{ Holderness Drainage, Beverley, Yorks.
1913 Jan. 14.	LAING, ALAN JAMES HARDING	101 Grovo Vale, East Dulwich, S.E.
1901 Dec. 3.	*LAING, JOHN ROSS	19 Craighall Gardens, Leith.
1910 Jan. 11.	LAING, JOHN STURROCK ..	2 Mountjoy Terrace, Musselburgh.
1908 Dec. 1.	LAIRD, ANDREW OSWALD ..	Engr.'s Office, Tilbury Docks, Essex.
1905 Jan. 10.	*LAKE, WALLACE STICKLAND ..	5 Queen's Gate Villas, Plymouth.
1889 May 7.	{ *LAKE, WILLIAM GEORGE WOOLLCOMBE }	{ Benton, Teignmouth.
1904 Mar. 1.	{ *LAMB, ERNEST HORACE, M.Sc. (Victoria) }	{ East London College, Mile End Road, E.
1909 Apr. 6.	LAMB, HENRY LAWRENCE ..	{ Brougham House, Brougham Terrace, West Hartlepool.
1908 Jan. 14.	LAMB, HOWARD KENNEDY ..	{ Engr.'s Office, Ottoman (Aidin) Ry., Smyrna, Asia Minor.
1910 Dec. 6.	*LAMBERT, ANTHONY POIGNAND	{ Res. Engr., London Dock Improvements, West Pierhead, Wapping, E.
1882 Mar. 7.	*LAMBERT, GEORGE BUCHANAN	11 Anerley Park, S.E.
1895 Apr. 2.	*LAMBERT, JOSHUA	{ Council Offices, The Green, S. Tottenham, N.
1908 Feb. 4.	*LAMBERT, LESLIE CARLTON ..	Louisville, Drumchapel, Glasgow.
1911 Dec. 5.	LAMOND, JOHN	{ City Surveyor's Office, Town Hall, Manchester.
1911 Dec. 5.	{ LAMPITT, ARCHIBALD DOUGLAS, B.Sc. (Wales) }	{ The Royal Orphanage, Wolverhampton.
1907 Apr. 9.	*LANCASTER, ARTHUR NOEL ..	{ Hughes & Lancaster, 51 Sharia Abbas, Cairo, Egypt.
1892 May 3.	LANCASTER, EDWARD WILLIAM	17 Heene Terrace, Worthing.
1908 Feb. 4.	*LANCASTER, GILBERT COLLIER	{ Woodcote Mead, Dorking Road, Epsom.
1911 Feb. 7.	*LANCASTER, WILFRID DRAKE	16 Victoria Street, S.W.
1912 Apr. 2.	LANDALE, WILLIAM GEORGE ..	72 Lowther Road, Brighton.
† 1910 Dec. 6.	{ LANDER, CECIL HOWARD, M.Sc. (Manchester) }	{ 59 Scarsdale Road, Victoria Park, Manchester.
1888 Feb. 7.	*LANDER, PHILIP VINCENT ..	{ London River Plate Bank, Santos, Brazil.
1895 Dec. 3.	LANDLESS, JAMES THOMAS ..	4 Nicholas Street, Burnley.
1911 Jan. 10.	*LANDON, RALPH WHITTINGTON	{ 58 Cecil Street, Chorlton-on-Medlock, Manchester. [Dover.
1897 Mar. 2.	LANE, FREDERICK PAGET ..	1 Avenue Gardens, Castle Avenue,
1887 Dec. 6.	LANE, GEORGE	Gasworks, Aylesbury.
1904 Jun. 12.	*LANE, HUGH SEPTIMUS ..	National Bank of India, Madras.
1895 Feb. 5.	*LANE, STANLEY ARTHUR ..	{ Asst. Manager, Singapore Harbour Board, Singapore, S.S.
1904 Apr. 19.	{ *LANE, THOMAS REGINALD PELHAM }	{ Engr.-in-Chief's Office, North Western Ry., Lahore, India.
1909 Feb. 2.	{ *LANGDON, WILLIAM CHAFFELL CROCKER }	{ West Lodge, Hastings Road, Bexhill.

Date of Election.	ASSOCIATE MEMBERS.	
1908 Mar. 3.	{ LANGE, ERNEST FREDERICK STEPHEN }	Fairholm, Willow Bank, Fallowfield, Manchester.
1882 Mar. 7.	{ *LANGE, FREDERICK MONTA- GUE TOWNSEND }	35 Gloucester Gardens, Hyde Park, W.
† 1897 Mar. 2.	LANGFORD, WILLIAM MORRIS	{ Penlee and St. Ives Stone Quarries, Ltd., 67 Queen Square, Bristol.
1908 Dec. 1.	LANGLEY, ALBERT EDWARD ..	{ Engr.'s Office, M. & G. N. Rys., Melton Constable.
1890 Mar. 4.	*LANGSTON, ALFRED CECIL ..	8 Holland Road, Hove, Sussex.
1908 Mar. 3.	*LAPAGE, JOHN NORMAN ..	{ T. H. Lapage, Pinewood Cottage, Westcott, Surrey.
1898 Dec. 6.	{ LARMOR, WILLIAM WRIGHT, B.A. (Royal) }	Banbridge, co. Down.
1910 Apr. 5.	LARMUTH, LUKE HAMILTON ..	{ H.M. Dockyard, Simonstown, South Africa.
1899 Dec. 5.	LA ROCHE, CHARLES AUGUSTUS	Harbour Board, Oamaru, N.Z.
1900 Dec. 4.	*LART, FREDERICK ARTHUR ..	
1896 May 5.	*LASHMORE, ERNEST WARD ..	Dist. Engr., Stratton Street, Bristol.
1913 Jan. 14.	*LAST, ERNEST COURTHOPE ..	{ Easton Gibb and Son, Ltd., H.M. Dockyard, Rosyth, N.B.
1910 Apr. 5.	*LATHAM, ERNEST	{ 38 Victoria Street, S.W. (Civengile, Vic., London. Victoria 7168.)
1899 Apr. 11.	LATHAM, GEORGE BALDWIN ..	{ Parliament Mansions, Victoria Street, S.W.
1906 Apr. 3.	LATHAM, WILLIAM HENRY ..	13 Parnaby Crescent, Hunslet.
1883 May 29.	*LAURENCE, REGINALD	Gothic Works, Norwich.
1913 Apr. 22.	*LAVERACK, HAROLD SMITH ..	{ Siemens Bros. Dynamo Works, Ltd., Caxton House, Westminster, S.W.
1878 May 28.	LAVEY, CHARLES	7 Acol Road, W. Hampstead, N.W.
1905 Jan. 10.	{ *LAW, ALEXANDER HENRY, B.A.I. (Dubl.) }	{ 16 Manor House Road, Jesmond, Newcastle-on-Tyne.
1897 Mar. 2.	LAW, GEORGE ERNEST	{ Goldfields Water Supply Adminis- tration, Southern Cross, W. Aus- tralia.
1896 May 5.	LAWN, JAMES GUNSON	P.O. Box 231, Johannesburg.
1910 Apr. 19.	{ *LAWRENCE, ARTHUR LYNDON, M.A. (Cantab.) }	16 North Street, Westminster, S.W.
1912 Jan. 9.	LAWRENCE, BERNARD GEOFFREY	{ Manager, G. L. Ry., Gwalior, Central India.
1897 Mar. 2.	{ *LAWS, BERNARD COURTNEY, B.Sc. (Engineering) (Lond.) }	73 Park Avenue, Hull.
1882 May 2.	LAWSON, CHARLES GRIFFIN ..	Dist. Council, Palmer's Green, N.
1905 Mar. 7.	*LAWSON, FRANCIS MALCOLM ..	{ Hans Renold, Ltd., 86 St. Vincent Street, Glasgow.
1909 Dec. 7.	{ LAWSON, FREDERICK WASHING- TON }	{ Asst. Engr., Sewerage Branch, P.W.D., Perth, W. Australia.
1909 Feb. 2.	*LAWSON, HENRY WILFRED ..	Nigerian Rys., Miuna, N. Nigeria.
1886 Feb. 2.	LAWSON, VINCENT ALEXANDER	Stroud, Gloucestershire.
1905 Dec. 5.	*LAWSON, WILLIAM	{ 12 The Avenue, Linthorpe, Middlesbrough.
1913 Dec. 2.	LAY, ROBERT ARTHUR	{ Public Offices, East Street, Bark- ing, E.
1892 Mar. 1.	{ *LAZENBY, ARTHUR, B.A. (Cantab.) }	
t † 1901 Apr. 2.	{ LEA, Professor FREDERICK CHARLES, D.Sc. (Engineer- ing) (Lond.) }	{ The University, Edgbaston, Bir- mingham.
1902 Dec. 2.	LEA, FREDERICK MACKENZIE ..	38 Bennetts Hill, Birmingham.
1905 Apr. 4.	LEA, MEASHAM	{ Dr. F. C. Lea, Professor of Civil Engineering, The University, Birmingham.
1913 Apr. 22.	LEA, WALTER ALBERT	24 Ferndale Road, Leytonstone, N.E.

Date of Election.	ASSOCIATE MEMBERS.	
1913 Dec. 2.	*LEACH, GEORGE BERTRAM ..	{Greenbooth House, Norden, nr. Rochdale.
1909 Apr. 6.	{LEADBEATER, HERBERT CHARLES}	{Engr.'s Dept., L.C.C., Spring Gardens, S.W.
1900 Dec. 4.	*LEADER, HUGH	279 Glossop Road, Sheffield.
1898 Dec. 6.	{LEAF, EDWARD HUNTINGDON, .. B.A. (<i>Cantab.</i>)}	{6 Airlie Gardens, Campden Hill, W.
1898 Dec. 6.	{LEAF, HENRY MEREDITH, .. B.A. (<i>Cantab.</i>)}	{4 Barton Street, Westminster, S.W.
1912 Apr. 2.	{LEAHY, CHARLES FERGUSON .. NASH}	{Ballyearty, Tralee, co. Kerry.
1913 Jan. 14.	{LEAHY, EUGENE, B.A., B.A.I. .. (<i>Dubl.</i>)}	{Grindlay, Groom & Co., Bombay.
1903 Apr. 7.	LEASK, HENRY NORMAN	{Heenan & Froude, 4 Chapel Walks, Manchester.
1895 Dec. 3.	*LEAVER, CYRIL D'ARCY	Field House, Harpenden, Herts.
1911 Dec. 5.	{LE CAIN, WALTER JOHN .. CLUNIES, B.Sc. (Engineering) .. (<i>Lond.</i>)}	{United Engineers, Ltd., Singapore, S.S.
1914 Jan. 13.	*LE CLERCQ, ALFRED GEORGE ..	{Dorada Extension Ry., Ltd., Honda, Colombia, South America.
1905 Dec. 5.	{*LECLEZIO, ALFRED JEAN .. ALEXIS}	{MM. P. Tardieu et Cie., Moka, Mauritius.
1907 Apr. 9.	LEE, GEORGE PHILIP	13 Ryde Vale Road, Balham, S.W.
1890 May 20.	LEE, JOHN, M.A. (<i>Oxon.</i>)	{Wynustay, Thorpe Lea Road, Peterboro'.
1911 Jan. 10.	LEE, PERCY HERBERT	{Upper Chenab Canal, Irrigation Dept., Punjab, India.
1913 Dec. 2.	{*LEECH, ROGER FERDINAND .. VOGEL}	{P.W.D., Kuala Lumpur, Selangor, F.M.S.
1913 Dec. 2.	LEEK, ALBERT EDWARD	9 Bridge Street, Shotton, Chester.
1913 Dec. 2.	{*LEE - NORMAN, FRANCIS .. THOMAS, B.A. (<i>Cantab.</i>)}	{Eng.'s Dept., F.C.C.A., Bartolomeo Mitre 239, Buenos Aires.
1908 Dec. 1.	*LEEPER, LEONARD, B.E. (<i>Royal</i>) ..	Borough Engr.'s Office, Great Yarmouth.
1907 Dec. 3.	LEES, EDGAR ARCHDALE	{Parkside, Richmond Grove West, Mauchester.
1907 Feb. 5.	*LEES, GEOFFREY	{c.o. Mrs. Burd, 16 Stanley Crescent, Kensington Park Gardens, W.
1914 Apr. 7.	*LEES, GEORGE	Mannesmann House, Landore, Glam.
1912 Dec. 3.	LEES, HENRY BERRY	{Public Works Office, Colombo, Ceylon.
1895 Dec. 3.	LEES, HERBERT	Gasworks, Hexham.
1913 Dec. 2.	{*LEES, JOHN RUTHERFOORD .. D'OLIER}	{Manchester Ship Canal Co., Arpley Dredging, Warrington.
1891 Mar. 3.	LEETE, WILLIAM HENRY	Shire Hall, Bedford.
1909 Jan. 12.	{*LEFROY, CHARLES EDWIN .. B.A. (<i>Cantab.</i>)}	{The Firs, Barnstaple, N. Devon.
1887 Mar. 1.	LEFROY, GEORGE ANTHONY	Union Bank, Perth, W. Australia.
1905 Apr. 4.	*LEGGE, FRANCIS AUGUSTUS	{Legge & Chamier, Motor Agents, Shrewsbury.
1904 Apr. 12.	LEGGETT, STEPHEN	{Central Canal Workshops, Amritsar, Punjab.
1912 Dec. 3.	*LE GRAND, JOHN PROWETT	125 Bunhill Row, E.C.
1895 Jan. 8.	LEIGH, JOHN ALFRED	15 Esplanade, New Ferry, Cheshire.
1912 Apr. 2.	LEIGH, WALTER	Brentwood, Worsley, Manchester.
1907 Dec. 3.	{*LEIGHTON, ARTHUR, B.Sc. .. (<i>Victoria</i>), B.Eng. (<i>Liverpool</i>) ..}	{3 Banks Avenue, Great Meols, Cheshire.
1910 Apr. 5.	LEIGHTON, LEOPOLD	N. E. Ry., Dock Engr.'s Office, Hull.
1901 Dec. 3.	{*LEITCH, ARCHIBALD, B.Sc. .. (<i>Glas.</i>)}	{140 West George Street, Glasgow.
1906 Apr. 3.	*LEITCH, PATRICK ARTHUR	15 Ardgowan Square, Greenock.

Date of Election.	ASSOCIATE MEMBERS.	
1907 Jan. 8.	{ LE MAISTRE, CHARLES DELAOUR }	28 Victoria Street, S.W.
1892 Feb. 2.	{ *LE MESURIER, HARRY HUNT PEVERIL }	Bengal Club, Calcutta.
1912 Feb. 6.	{ *LEMON, GUY TALBOT, B.A. (<i>Cantab.</i>) }	East Indian Ry., Asansol, India.
m 1887 May 24.	{ *LENGERKE, RUDOLPH EMIL VON	Dohnsens, Great Hautbois, Norwich.
1906 Dec. 4.	{ *LESLIE, JAMES, B.Sc. (<i>Edin.</i>)	5 Douglas Gardens, Edinburgh.
1895 Mar. 5.	{ *L'ESTRANGE, FRANCIS SAMUEL	{ 7 Tavistock Place, Tavistock Square, W.C.
1913 Jan. 14.	{ *LEATHERBY, HENRY NORMAN ..	29 Mount Gold Road, Plymouth.
1891 May 12.	{ *LEVENTHORPE, JOHN BONFOY	{ c.o. H. S. King & Co., 9 Pall Mall, S.W.
1909 Apr. 6.	{ LEVI, MAXIMILIAN LEOPOLD ..	{ Mangla Headworks, <i>via</i> Dina, Punjab.
1913 Feb. 4.	{ *LEWES, FREDERICK HENRY MEREDITH }	{ Liversage House, Liversage Street, Derby.
1908 Dec. 1.	{ *LEWIN, HERBERT WILLIAM, M.A. (<i>Cantab.</i>) }	Latham Road, Cambridge.
1907 Mar. 5.	{ *LEWIS, ALFRED DALE, M.A. (<i>Cantab.</i>) }	{ Circle Engineer, Irrigation Dept., Cape Town, C.C.
1909 Dec. 7.	{ LEWIS, ARTHUR ROBERT ..	{ M. B. Lewis, Pinehurst, Church Road, Flixton, Lancs.
1888 Jan. 10.	{ LEWIS, FRANK BECKET	{ 3 Hamilton Drive, The Park, Nottingham.
1892 Jan. 12.	{ LEWIS, <i>Hon.</i> HERBERT CLARK	{ Hean Castle, Saundersfoot, Pem- brokehire.
1912 Apr. 2.	{ LEWIS, HUGH ROSS	29 Brunswick Square, W.C.
1889 Dec. 5.	{ *LEWIS, JOHN HARRY	Bryncynon, Blackwood, Mon.
1900 Apr. 3.	{ *LEWIS, RALPH MORGAN	10 Clarendon Gardens, Ramsgate.
1909 Jan. 12.	{ *LEWIS, WILLIAM PHILIP	{ 1 Gethin Street, Abercarnid, Merthyr Tydfil.
1893 Jan. 10.	{ LEWIS, WILLIAM THOMAS WATKIN }	14 Dumfries Place, Cardiff.
1902 Mar. 4.	{ *LEWIS-DALE, HENRY ANGLE	{ Works Dept., H.M. Dockyard, Chatham.
1888 Dec. 4.	{ *LIBBIS, GEORGE HILDER	{ 2 Causton Road, Cholmeley Park, Highgate, N.
1908 Apr. 7.	{ LIDDELL, RALPH ROBSON	{ Port of London Authority, Res. Engr.'s Office, Royal Albert Dock Extension (South), North Wool- wich, E.
1912 Apr. 23.	{ *LIGHT, RONALD VIVIAN, B.Sc. (Engineering) (<i>Lond.</i>)	Engr.'s Office, M.Ry., Derby.
1902 Jan. 14.	{ *LIGHTFOOT, CECIL	{ Linde Air Products Co., 155 Chandler Street, Buffalo, N.Y., U.S.A.
1911 Jan. 10.	{ *LIGHTFOOT, KENNETH	{ Linde British Refrigeration Co., Ltd., 35 Queen Victoria St., E.C.
1877 Dec. 4.	{ LILLEY, THOMAS ISAAC	3 Victoria Street, S.W.
1913 Dec. 2.	{ LIMBY, SHIRLEY ONSLOW	8 Jinkee Road, Shanghai, China.
✦ 1889 May 7.	{ LINDSAY, CHARLES DE LA POIRE CRAWFORD }	{ The Manor House, Lydeard St. Lawrence, Taunton.
1908 Mar. 3.	{ *LINDLEY, EDWARD SEARLES, B.A. (<i>Cantab.</i>) }	Thos. Cook & Son, Bombay.
1910 Dec. 6.	{ *LINDLEY, FRANCIS EMIL SEARLES }	Percival Villa, Walton-on-Naze.
1913 Apr. 22.	{ LINGARD, HAROLD	{ M. & S. M. Ry., Royapuram, Madras, India.
1879 Dec. 2.	{ LINGING, FREDERICK EDWARD	4 Kensington Court Gardens, W.
1911 Apr. 4.	{ *LINNELL, CHRISTOPHER HENRY	P.W.D., Colombo, Ceylon.
R 1914 Apr. 7.	{ *LINNELL, THOMAS FORESTER, Jun. }	Duddon Lodge, Tarporley, Cheshire.

Date of
Election.

ASSOCIATE MEMBERS.

1902 Jan. 14.	*LINSKOTT, ARTHUR BURROW ..	{ P.O. Box 4013, Johannesburg, Transvaal.
1905 Jan. 10.	{ *LINSKILL, WILLIAM ARTHUR, M.Sc. (<i>Victoria</i>) }	{ Arlington House, Quarry Lane, Mansfield.
1904 Jan. 12.	LINTON, SAMUEL EDGAR ALBERT	P.W.D., Penang, S.S.
1906 Apr. 3.	LINTON, WALTER	133A George Street, Edinburgh.
1890 May 6.	LIPSCOMB, HERBERT NICHOLSON	{ Loco. Dept., Midland Ry., Preston Street, Gorton, Manchester.
1886 Dec. 7.	LISBOA, ALFREDO	{ P.O. Box 1574, Rio de Janeiro, Brazil.
1904 Apr. 12.	LISMER, ALFRED BASS	Town Hall, Lower Edmonton, N.
1911 Jan. 10.	{ *LIST, JOHN NAPIER, M.A. (<i>Cantab.</i>) }	{ Thos. Cook & Son, Rangoon, Burma.
III 1906 Mar. 6.	*LISTER, JOHN EDWARD	19 Babworth Road, Retford.
1910 Jan. 11.	LISTER, REGINALD WILLIAM ..	{ 28 Burnage Hall Road, Levens- hulme, Manchester.
1909 Dec. 7.	*LISTER, WILLIAM WATSON ..	{ 19 Frodingham Road, Crosby, Scun- thorpe, Lincs.
1895 Dec. 3.	LITTLE, ALBERT GEORGE ..	{ Ry. Construction Branch, P.W.D., Sydney, N.S.W.
1885 Apr. 14.	*LITTLE, CHRISTOPHER	{ Ry. Construction Branch, P.W.D., Sydney, N.S.W.
1903 Feb. 3.	*LITTLE, MALCOLM	Gauhati, Assam, India.
1910 Dec. 6.	LITTLE, SIDNEY	{ Eaglesfield Abbey Rooms, Castle Street, Carlisle.
1902 Dec. 2.	{ LITTON, FRANCIS HENRY, B.A.I. (<i>Dubl.</i>) }	24 Westbourne Avenue, Hull.
1899 Dec. 5.	LIVERSEDGE, ALFRED JOHN ..	{ 63 Northampton Road, East Croy- don.
1907 Dec. 3.	LIVERSEDGE, JOHN WILLIAM ..	Public Offices, Leigh-on-Sea.
1891 Feb. 3.	{ *LIVERSIDGE, JOHN GEORGE, Engineer Commander, R.N. }	H.M. Dockyard, Malta.
1895 Apr. 2.	*LIVESEY, ALFRED PERCIVAL ..	Brookside, Upton, Macclesfield.
1908 Mar. 3.	*LIVESEY, FRANK, B.A. (<i>Cantab.</i>)	Gasworks, Maidstone.
1884 May 6.	LLOBET, ANDRÉS	Montevideo, Uruguay.
1891 Mar. 3.	*LLOYD, BELL GEORGE	{ Box 126, Lourenço Marquez, Delagoa Bay, S.E. Africa.
1902 Apr. 8.	LLOYD, CYRIL EDWARD	{ Netherton Iron Works, Dudley, Worcs.
1906 Dec. 4.	LLOYD, ERNEST EDWARD	26 Victoria Street, S.W.
1897 Feb. 2.	*LLOYD, GUY ERNEST	{ Hollycroft, Chipstead Road, Ban- stead, Surrey.
1911 Apr. 4.	{ LLOYD, HENRY DAVID LLEWELLYN }	Leahurst, Letchford.
1913 Dec. 2.	LLOYD, LLEWELLYN NORTH ..	{ B. B. & C. I. Ry., Ajmer, Rajputana, India.
✠ 1904 Dec. 6.	LLOYD, RICHARD	{ Meirion House, Newquay, Cardi- ganshire.
1910 Jan. 11.	*LLOYD, WILLIAM EDWARD ..	{ Auckland, Warwick Bench Road, Guildford.
I W ✠ 1907 Mar. 5.	*LLOYD-JONES, CYRIL WALTER	{ Nizam's Guaranteed State Rys., Secunderabad, Deccan, India.
1914 Apr. 21.	LOACH, ALFRED EDWIN	City Surveyor's Office, Wakefield.
1892 Mar. 1.	*LOAM, MATTHEW	Moditonham, Hatt, Cornwall.
1911 Mar. 7.	{ LOBBAN, CHARLES HENRY, B.Sc. (<i>Glas.</i>) }	10 Park Circus, Ayr.
1899 Apr. 11.	LOMLEY, FRANCIS JOSEPH ..	City Surveyor's Office, Chichester.
1896 Dec. 1.	*LOBNITZ, HENRY CALDER ..	{ Devonla, Baring Road, Cowes, Isle of Wight.
1886 May 4.	LOCH, RICHARD	45 New Walk, Leicester.

Date of Election.	ASSOCIATE MEMBERS.	
1896 Jan. 14.	*LOCHHEAD, KERR, B.Sc. (Glas.)	{ R. McAlpine & Sons, 2 Central Buildings, Westminster, S.W.
1901 Apr. 2.	*LOCKET, ATHOL	{ Lahool P.O., Upper Assam, India.
1886 Feb. 2.	*LOCKHART, HAROLD EDWARD	{ Sanctuary House, Tothill St., S.W.
1912 Dec. 3.	LOCKHART, WILLIAM	{ 1915 Pendrell Street, Vancouver, B.C.
1913 Jan. 14.	*LOCKWOOD, GEOFFREY OWEN	{ South Parade Villas, Newark.
1889 Dec. 3.	*LOCKYER, JAMES EDWARD ..	{ Chillington, Kingsbridge, S. Devon.
1880 Feb. 3.	LOGAN, JOHN WILLIAM	{ Market Harborough.
1908 Apr. 7.	*LOGGIN, GEORGE NICHOLAS ..	{ Yotes Lodge, Culverden Park Road, Tumbidge Wells.
1906 Dec. 4.	*LOMAS, KENNETH THURSTON ..	{ Chinese Government Rys., Pukow-Hsinyangchow Line, Hsinyangchow, Honan, China.
1892 May 3.	LOMAX, CHARLES JAMES	{ 37 Cross Street, Manchester.
1885 May 5.	LOMAX, WALTER JOHN	{ 11 Fold Street, Bolton.
1893 May 2.	*LONG, FRANCIS MADDISON ..	{ Electricity Co., Duke St., Norwich.
1897 Apr. 6.	LONG, RICHARD CHARLES ..	{ 21 Fairacres Road, Oxford.
1913 Dec. 2.	{ LONGBOTTOM, JOHN LEONARD, } B.Sc. (Engineering) (Lond.)	{ P.W.D., Colombo, Ceylon. [field
1912 Apr. 2.	LONGBOTTOM, WILLIAM	{ Gordon Cottage, Shiregreen, Slet-
1905 Dec. 5.	{ LONGLAND, WALTER, } B.Sc. (Engineering) (Lond.)	{ 72 Marquess Road, Canoubury, N.
1903 Mar. 3.	*LONGLEY, ROBERT JAMES ..	{ 15 Exeter Street, Saltburn-by-the-Sea, Yorks.
1882 Dec. 5.	LONGRIDGE, ROBERT CHARLES	{ Kilrie, Knutsford.
1909 Apr. 6.	*LOTT, HARRY CHICKALL ..	{ T. Pringle & Son, Ltd., 419 Coristine Building, Montreal, Canada.
1891 Jan. 13.	LOUCH, JOHN DA VINCI	{ P.W.D., Wellington, N.Z.
1910 Dec. 6.	LOUTTIT, JAMES STRUTHERS ..	{ Municipal Chambers, S. Brisbane, Queensland.
1912 Dec. 3.	*LOVE, ROBERT	{ Rockland, Rutherglen, N.B.
m 1911 Dec. 5.	{ *LOVEGROVE, EDWIN GUY } LIDSTONE	{ R. Elliott-Cooper, 15 Dean's Yard, Westminster, S.W.
1911 Dec. 5.	LOVING, HENRY CROXTON ..	{ 8 Highnam Crescent Road, Broomhill, Sheffield.
1914 Feb. 3.	{ *LOW, CHARLES MACRITCHIE, } B.Sc. (Edin.)	{ T. W. Sime, Continental Life Buildings, Toronto, Canada.
B 1902 Dec. 2.	*LOWE, JAMES	{ Engr. and Manager, Auckland Gas Co., Auckland, N.Z.
1890 Dec. 2.	LOWRY, FREDERICK	{ 12 Bailey Road, Leigh-on-Sea.
1892 Dec. 6.	LUARD, EDWARD SYDNEY ..	{ 25 Durham Terrace, W.
1870 Dec. 6.	LUCAS, ARTHUR	{ 27 Brnton Street, W.
1902 Dec. 2.	{ *LUCAS, FREDERIC HORACE } FAVIELL	{ Windermere, Laburnham Road, Maidenhead.
1891 Feb. 3.	LUCAS, SAMUEL ERNEST	{ 29 York Crescent Rd., Clifton, Bristol.
1913 Dec. 2.	*LUCY, AMEROSE NOEL ..	{ Grindlay, Groom and Co., Bombay.
1891 Dec. 1.	{ LUFF, GEORGE ANDREW MID- } DLEMISS	{ Feilding, New Zealand.
† 1882 Dec. 5.	LUKIS, ERNEST DU BOIS ..	{ Apartado 751, Lima, Peru.
1890 Mar. 4.	LUMB, TOM GALLON	{ 24 Birley Street, Blackpool.
1891 Dec. 1.	LUND, ARTHUR	{ 7 Victoria Terrace, Bromham Road, Bedford.
1904 Dec. 6.	*LUNDIE, CORNELIUS RONALD ..	{ Chief Surveyor's Office, Colombo, Ceylon.
1883 May 29.	*LUNGLEY, ARTHUR ROBERT ..	{ Cowra Chambers, Grenfell Street, Adelaide, S. Australia.
1891 Jan. 13.	LUNN, ALFRED	{ Middle Level Drainage, March.
1907 Jan. 8.	LUSK, JAMES, B.A. (Cantab.)	{ Dunavon, Strathaven, Lanarkshire.
1908 Dec. 1.	LYDDON, ALFRED JONATHAN ..	{ County Surveyor's Office, Chelmsford.
1908 Apr. 7.	LYDDON, HUGH EDMUND ..	{ Sydney Safe Deposit, Sydney, N.S.W.

Date of
Election.

ASSOCIATE MEMBERS.

1904 Apr. 12.	{ LYLE, GEORGE HERBERT, } B.A.I. (Dubl.)	Knocktarna, Coleraine, Ireland.
1885 Feb. 3.	LYNDE, FREDERICK CHARLES..	
1911 Apr. 4.	{ LYON, CHARLES LINDSAY } CLAUDE BOWES	{ Turner, Hoare & Co., 11 Elphin- stone Circle, Bombay.
1896 Dec. 1.	*LYON, ERNEST	Casilla 76, Coquimbo, Chile.
1858 Feb. 2.	LYON, GEORGE.. .. .	Valparaiso, Chile.
1911 Jan. 13.	{ *LYSTER, ANTHONY ST. GEORGE, } B.A. (Cantab.)	Grindlay and Co., The Mall, Simla, Punjab.
1907 Jan. 3.	LYTH, NORMAN ROWE	{ Public Works Dept., Hobart, Tas- mania.
1911 Mar. 7.	{ *MAAS, NORMAN NATHAN. } B.Sc. (Engineering) (Lond.)	53 Harrison Street, Barrow-in- Furness.
1911 Dec. 5.	MAASDORP, NORMAN	Hillside, Rondebosch, Cape Colony.
R 1910 Dec. 6.	*MCALISTER, ANGUS.. .. .	P.O. Box 204, Vancouver, B.C.
1913 Apr. 22.	*MACALISTER, JAMES	Alleyde, Bawthirley Road, Greenock.
1895 Feb. 5.	*MACANDREW, HAROLD	{ c.o. Royal Societies Club, St. James's Street, S.W.
1882 Apr. 4.	MCARTHUR, DUNCAN WILLIAM	Te Aroha, Auckland, N.Z.
1910 Dec. 6.	MACARTNEY, WILLIAM ALLAN	{ Burgh Chambers, Johnstone, Ren- frewshire.
1912 Apr. 2.	{ MACASSEY, VERNER WHITE } LIVINGSTON	
1883 Dec. 4.	MACBEAN, MALCOLM AENEAS	Office of Public Works, Glasgow.
1890 May 6.	MACBETH, JOHN BRUCE KING	Caxton House, Westminster, S.W.
1909 Jan. 12.	{ MACCALLUM, ANDREW HUM- } PHRY SALWEY, B.Sc. (En- gineering) (Lond.)	Hill Cottage, Wiford, Chelmsford.
1908 Feb. 4.	{ *MACCALLUM, ROBERT TOWSON, } B.Sc. (Engineering) (Lond.), B.Sc. (Lond.)	Engr.'s Office, M. Ry., Derby.
1900 Apr. 3.	{ *MCCLEAN, WILLIAM NEWSAM, } M.A. (Cantab.)	1 Onslow Gardens, S.W.
1890 Feb. 4.	MCCLEW, WILLIAM CHARLES	{ British Consulate, Calle Reconquista 331, Buenos Aires.
1905 Dec. 5.	{ *MCCLURE, ANDREW, } B.A. (Oxon.)	Entebbe, Uganda.
1907 Dec. 3.	MCCLURE, JOHN	{ Para Construction Co., Box 469, Para, Brazil.
1910 Dec. 6.	MCCORMACK, PATRICK AMBROSE	{ c.o. Chief Engineer, Buildings and Roads Branch, P.W.D., Lahore.
1911 Dec. 5.	*MCCOURT, ERNEST FRANCIS ..	{ 15 Braxted Park, Streatham Com- mon, S.W.
1892 Dec. 6.	*MCCOWAT, GEORGE HUTCHESON	8 Regent Park Square, Strathbungo,
1908 Apr. 7.	{ *MCGRINDLE, JOHN ALEX- } ANDER, B.Sc. (Glas.)	Knockronald, Ayr. [Glasgow.
1901 Feb. 5.	McCROSKY, JAMES WARREN ..	{ J. G. White & Co., 9 Cloak Lane, E.C.
1908 Apr. 7.	{ *MACCULLOCH, WILLIAM } STEVENSON	231A St. Urbain Street, Montreal, Canada.
1911 Jan. 10.	{ MACDERMOTT, ALFRED TUDOR, } M.A., B.A.I. (Dubl.)	P.W.D., Kuala Lumpur, F.M.S.
1904 Dec. 6.	*MCDERMOTT, OWEN LEONARD	Casilla 1523, Valparaiso, Chile.
1911 Apr. 4.	MACDONALD, ALEXANDER ..	D.P.W., Edmonton, Alberta, Canada.
1902 Dec. 2.	MACDONALD, ARTHUR CAMERON	54 New Broad Street, E.C.
m 1902 Jan. 14.	*MCDONALD, EDWARD SLATER	{ Baker Street Station Alterations, Res. Engr.'s Office, 86 Marylebone Road, N.W.

Date of
Election.

ASSOCIATE MEMBERS.

1904 Dec. 6.	*McDONALD, THOMAS JAMES ..	{ R. McAlpine & Sons, Contractor's Office, Willoughby Road, Twicken- ham, S.W.
1904 Dec. 6.	*MACDONELL, OLIVER STEPHEN	Burma Rys., Rangoon, Burma.
1904 Dec. 6.	{ McDONNELL, JOHN, B.A. (<i>Cantab.</i>)	Kilsharvan, Drogheda, co. Meath.
1897 Mar. 2.	MACDOUGALL, ALEXANDER, JUN.	Oakhurst, Westcombe Park, S.E.
1905 Apr. 4.	*MACDOUGALL, DUNCAN ALEX- ANDER	Engineering Dept., Grand Trunk Pacific Ry., Fitzhugh, Alta., Canada.
1909 Apr. 20.	{ MACDOUGALL, JOHN ERNEST B.Sc. (<i>Glas.</i>)	c.o. H. S. King & Co., 9 Pall Mall, S.W.
1899 Jan. 10.	{ MACDOUGALL, PERCY RAYMOND, M.A. (<i>Cantab.</i>)	312 Burton Road, Derby.
1912 Apr. 2.	MACEWAN, HARRY CAMDEN ..	5 Clifton Drive, Cliftonville, Belfast.
1885 Feb. 3.	McEWEN, THOMAS SMITH ..	Govt. Rys., Cape Town, C.C.
1904 Mar. 1.	*McFADYEAN, WILLIAM MAT- THEWS	C. H. Walker & Co., Ltd., Las Canteras, Conchillas, Uruguay.
1908 Feb. 4.	{ *MACFADZEAN, JAMES, B.Sc. (<i>Glas.</i>)	Kelowna, Fotheringham Road, Ayr, N.B.
1907 Dec. 3.	{ MACFARLANE, CHARLES SELBY LENNOX, B.Sc. (<i>Glas.</i>) ..	Rosebank, Worcester Park, Surrey.
1897 Jan. 12.	*MACFARLANE, RIENZI WAL- TON	Mrs. Macfarlane, Manordene, Rust- hall, Tunbridge Wells.
1884 Dec. 2.	{ *MACFARLANE, THOMAS JOHN MALCOLM, C.M.G.	P.O. Box 258, Salisbury, Rhodesia.
R 1913 Dec. 2.	{ *MACFEAT, PETER DONALD, B.Sc. (<i>Glas.</i>)	P.W.D., Nairobi, B.E. Africa.
✠ 1883 Dec. 4.	MAGEORGE, LESLIE DUNCAN	Westport Coal Co., Ltd., Westport,
1911 Dec. 5.	McGILLEWIE, MALCOLM ..	Turf Club, Cairo, Egypt. [N.Z.]
1910 Dec. 6.	{ *MCGILLYCUDDY, HENRY ALEXANDER, B.E. (<i>Royal</i>) ..	Oficina de Via y Obras, Alta Córdoba, Córdoba, Argentina.
m ✠ 1905 Dec. 5.	McGLASHAN, GEORGE DUNCAN	{ Harbour Office, Blyth, Northumber- land.
1890 Dec. 2.	{ McGLASHAN, PATRICK BLACK- STOCK	Fairholme, Ferry Road, Edinburgh.
1879 Feb. 4.	MACGREGOR, ALFRED ALEXANDER	{ Glencairn, Paynes Lane, Pinner, Middlesex.
1906 Apr. 3.	McGREGOR, JAMES	{ 45 The Linton, Sherbrooke Street, Montreal, Canada.
1908 Apr. 7.	MACGREGOR, JOHN GRAHAM ..	{ Engr.'s Office, North British Ry., Edinburgh.
1904 Jan. 12.	{ *McGREGOR, STUART WILLIAM BUCHANAN	c.o. F. W. Bidder, 13 Victoria Street, S.W.
1894 Jan. 9.	*McGUIRE, JAMES CLARK ..	26 Cortlandt Street, New York. U.S.
1913 Apr. 22.	{ McHAFFIE, MALCOLM GORDON JOHN	L. & S. W. Ry., Docks Dept., Engr.'s Office, Southampton.
1913 Apr. 22.	McILDOWIE, GEORGE, JUN. ..	Craigavad, co. Down, Ireland.
1893 Apr. 11.	*McINTOSH, HORACE ARTHUR..	{ Firs Lodge, Sheen Gate Gardens, East Sheen, S.W.
1904 Apr. 12.	{ MACINTOSH, JAMES RAE, B.Sc. (<i>Glas.</i>)	Siemens Bros., Ltd., Dynamo Works, Central House, Birmingham.
1891 Jan. 13.	{ *MACINTYRE, JAMES GILBERT STEVENSON	Box 424, Edmonton, Alta., Canada.
1913 Mar. 11.	{ MACINTYRE, JOHN ANDREW, B.Sc. (<i>Engineering</i>) (<i>Lond.</i>)	27 Hindes Road, Harrow, N.W.
1908 Apr. 7.	McKAIG, ERNEST	{ Engr.'s Office, Birnbeck Island, Weston-super-Mare.
1905 Apr. 4.	McKAY, BLAIR	Shire Hall, Tatura, Victoria.
1912 Apr. 2.	*MacKAY, IAN STUART	{ 3rd Circle of Irrigation Offices, Alexandria, Egypt.
m 1880 May 4.	*MACKAY, JOHN CHARLES ..	Bitterley, Ludlow, Salop.

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Election.

ASSOCIATE MEMBERS.

1905 Feb. 7.	*MACKAY, JOHN MITCHELL ..	{ King, King & Co., P O. Box 110, Bombay.
1905 Feb. 7.	{ MCKAY, MAURICE SINEON, B.A., B.A.I. (Dubl.) }	{ F. C. de Antofagasta à Bolivia, Antofagasta, Chile.
1900 Feb. 6.	*MACKAY, ROBERT GORDON ..	{ Siemens-Schuckert Werke, K.S. Abteilung, Nonnendamm, Berlin.
1906 Feb. 6.	MCKAY, ROBERT THOMAS ..	{ Geelong Waterworks and Sewerage Trust, Trust Offices, Geelong, Victoria.
1900 Dec. 4.	{ *MACKENZIE, ALEXANDER RODERICK }	{ Rooms 820 & 821, Metropolitan Building, Vancouver, B.C.
1900 Apr. 3.	MACKENZIE, ARTHUR CECIL ..	{ Harbour Trust, Melbourne, Victoria.
1894 Feb. 6.	*MCKENZIE, LESSEL STEPHEN ..	City Engineer's Office, Bristol.
1913 Mar. 11.	{ *MACKENZIE, LYNEDOCHE ARCHIBALD, B.Sc. (Edin.) .. }	{ The Hollies, Dunham Woodhouses, Altrincham.
1889 Dec. 3.	MACKENZIE, THOMAS KENNETH	{ A. E. Thomas, Ipoh, Federated Malay States.
1913 Mar. 11.	{ MACKENZIE, WILLIAM, B.Sc. (Edin.) }	{ Res. Engr.'s Office, Dock Extension, Tilbury, Essex.
1892 Dec. 6.	{ MACKENZIE-RICHARDS, PETER FELIX }	53 Victoria Street, S.W.
1906 Dec. 4.	McKERROW, JAMES WEIR ..	{ Tynemouth Corporation Water- works, Town Hall, North Shields.
1909 Dec. 7.	{ *MACKICHAN, ALEXANDER SOMERLED }	{ MacDonald & Co., York Buildings, Hong Kong [via Siberia].
1911 Dec. 5.	McKIE, THOMAS	{ Railway Construction Camp, Wya- long to Cudgellico Ry., by West Wyalong, New South Wales.
1912 Apr. 23.	*MACKINNON, ALISTER	{ Oficina del Subterráneo, F. C. Oeste, Estacion Once, Buenos Aires.
1912 Mar. 5.	*MACKINNON, JOHN	{ Punjab Banking Co., Lahore Punjab.
1914 Apr. 7.	{ MACKINTOSH, JAMES MAC- DOUGAL, B.Sc. (Glas.) }	21 Grange Road, Edinburgh.
1899 Dec. 5.	{ MACKISON, WILLIAM MAXWELL, B.Sc. (Edin.) }	Kirkton House, Auchterhouse, Dundee.
1906 Feb. 6.	{ MACLACHLAN, DUNCAN ROBERT, B.Sc. (Glas.) }	The Polytechnic, Woolwich, S.E.
1904 Dec. 6.	MACLACHLAN, GEORGE	{ 34 Castellain Mansions, Maida Vale, W.
1906 Apr. 3.	{ MACLACHLAN, JOHN SINCLAIR, B.A., B.E. (Royal) }	{ Dept. of Public Works, District Engr.'s Office, Victoria, B.C.
1906 Dec. 4.	{ MACLACHLAN, ROBERT BOYD, B.A., B.E. (Royal) }	P.W.D., Sukkur, Sind, India.
1911 Dec. 5.	{ MACLAGAN, JOHN CAMPBELL, MCCOLL }	Parklea, Park Corner, Westland Drive, Glasgow.
1912 Jan. 9.	{ *MCLAREN, JOHN WILLIAMS, B.Sc. (Glas.) }	Contractor's Office, H.M. Dockyard, Rosyth, Inverkeithing.
1884 Dec. 2.	*MCLAREN, RAYNES LAUDER	{ Conholt, Beaconsfield Road, Black- heath, S.E.
1910 Jan. 11.	*MCLAREN, WILLIAM DICK ..	{ 12 Leslie Street, Pollokshields, Glasgow.
1913 Dec. 2.	MCLAUCHLAN, EDWARD	{ 9 Ineson Terrace, Linthorpe Road, Middlesbrough.
1906 Apr. 3.	{ MCLAUGHLIN, REGINALD GEORGE }	{ L. & Y. Ry. Carriage Shops, Newton Heath, Manchester.
R 1910 Dec. 6.	{ *MCLAUGHLIN, WILLIAM REGINALD, B.Sc. (Engineer- ing) (Lond.) }	{ S. Pearson & Son, Ltd., Casilla 1004, Valparaiso, Chile.
1910 Dec. 6.	{ *MCLAY, DAVID BRID, B.Sc. (Glas.) }	{ City Engr.'s Office, City Hall, Van- couver, B.C.

Date of Election.	ASSOCIATE MEMBERS.
1910 Jan. 11.	*MACLEAN, ALEC CLARKSON .. { c.o. Maj.-Gen. Maclean, 24 Hayne Road, Beckenham, Kent.
1894 Dec. 4.	{ MACLEAN, CHARLES STEWART } DOUGLAS Engr.'s Office, Midland Ry., Derby.
1902 Dec. 2.	*MACLEAN, JOHN MACGAVIN .. { Coode, Son & Matthews, Harbour Works, Singapore, S.S.
1901 Feb. 5.	{ McLEAN, JOHN ROWLAND } JONES Oficina del Ingeniero Residente, F.C. de Entre Rios, Parana, Entre Rios, Argentina.
1906 Apr. 3.	MACLEAN, JOSEPH MITCHEL .. 8 Forth Street, Edinburgh.
m 1903 Apr. 7.	*McLEAN, WILLIAM HANNAH.. Ministry of Interior, Cairo, Egypt.
1910 Apr. 5.	{ *McLELLAN, JAMES, } B.Sc. (Victoria) St. Colmes, Banks Road, West Kirby, Cheshire.
1914 Apr. 7.	McLELLAN, ROBERT CHALMERS } Struan Place, Inverkeithing, N.B.
1889 May 21.	*MACLELLAN, WILLIAM TURNER } 129 Trongate, Glasgow. (MacLellan, Glasgow.)
1879 Feb. 4.	MACLENNAN, JOSEPH { Apartado 38, Bilbao, Spain. (MacLennan, Bilbao.)
1905 Mar. 7.	*MACLEOD, HUGH TORQUIL .. Beechcroft, Teignmouth.
1913 Jan. 14.	*McLINTOCK, ADAM ARTHUR .. { General Delivery, Edmonton, Alta., Canada.
1876 Dec. 5.	*MACMAHON, HENRY EUGENE } Leadmore, Branksome Wood Road, Bournemouth.
1889 Dec. 3.	McMAKING, THOMAS 96 St. Andrew's Road, Southsea.
1894 Jan. 9.	*McMILLAN, JAMES PETER .. P.W.D., Sydney, N.S.W.
1906 Apr. 3.	*McMURDO, ARCHIBALD HUGH } Engr.-in-Chief's Office, Highland Ry., Inverness.
1897 Dec. 7.	McNEILL, BEDFORD 1 London Wall Buildings, E.C.
1911 Apr. 4.	McNEILL, CHARLES STUART .. { Office of Harbour Works, Kingstown, co. Dublin.
1893 May 2.	McNEILL, WILLIAM { Bacis Gold and Silver Mining Co., Ltd., Bacis, Estado Durango, Mexico.
1897 Jan. 12.	McNELLAN, JAMES EDWARD.. Grange Road, Alloa, N.B.
1911 Jan. 10.	MACPHERSON, DUNCAN NORMAN } Office of Chief Engr. for Railways, Victoria Square, Adelaide.
1907 Dec. 3.	{ MACPHERSON, FREDERICK LID- } DELL Municipal Hall, Burnaby, New Westminster, British Columbia.
1896 Feb. 4.	MACPHERSON, MALCOLM { Engr.'s Office, St. Enoch Station, Glasgow.
1905 Dec. 5.	McQUEEN, EDWIN DONALD .. { Mechanical Engineering Dept., Royal Arsenal, Woolwich.
1902 Feb. 4.	*McRITCHIE, CHARLES BELL .. { Murray & McRitchie, 216 Coristine Building, Montreal, Canada.
1912 Mar. 5.	{ *McWILLIAM, ALEXANDER, } M.Sc. (Manchester) 47 Brackley Street, Farnworth, Lanes.
1892 May 24.	*MADDOCK, PERCY WALTER .. { Gladmore, Capel Road, East Barnet, Herts.
1912 Dec. 3.	MAFLIN, ALFRED JOHN GODWYN } c.o. Grindlay & Co., 54 Parliament Street, S.W.
1904 Jan. 12.	MAGER, FREDERICK WALTER } P.W.D., Kuala Lumpur, Selangor, S.S.
1891 Jan. 13.	MAGINNIS, JAMES PORTER .. { 11 Carteret Street, Westminster, S.W. (P.O. Victoria 192.)
1909 Apr. 20.	{ MAGUIRE, HENRY } B.A., B.E. (Belfast) District Engr.'s Office, N.E. Ry., Bishop Auckland.
1884 Apr. 1.	MAHONY, FRANCIS RONAN .. { 104 Eyre Street, Ballarat, Victoria.
1907 Apr. 9.	MAIN, JOHN ALEXANDER .. Laurelbauk, Linlithgow.
1910 Dec. 6.	{ *MAINPRICE, GEOFFREY DEN- } NIS, B.Sc. (Manchester) .. Villupuram, South India.
1902 Jan. 14.	*MAIR, GEORGE PASCOE { Gwynnes, Ltd., Hammersmith Iron-works, W.
1907 Feb. 5.	{ MAIRS, WILLIAM, } B.A., B.E. (Royal) Congested Districts Board, Roscommon, Ireland.

Date of
Election.

ASSOCIATE MEMBERS.

1891 Apr. 1.	*MAIS, CHARLES LESLIE STEWART	10 Harbor St., Kingston, Jamaica.
1913 Dec. 2.	MAJER, FRANK	{ 39 Winterbrook Road, Herne Hill, S.E.
1912 Apr. 2.	MAKINS, THOMAS	{ Sir Wm. Arrol & Co., Ltd., 85 Pres- ton Street, Bridgeton, Glasgow.
1911 Dec. 5.	MALAN, LIONEL DE MEHINDOL	{ S. R. Lowcock, 6 Queen Anne's Gate, S.W.
1899 Jan. 10.	MALCOLM, JOHN, B.Sc. (Glas.)	6 Waterloo Place, S.W.
† 1891 Dec. 1.	*MALCOLMSON, JAMES WADDELL	{ 1012 Baltimore Avenue, Kansas City, Mo., U.S.A.
1901 Mar. 5.	*MALIM, JOHN CHARLES	Croft House, Uleaby, Lincs.
1899 Dec. 5.	{ *MALLAGH, JOSEPH, B.A., B.E. (Royal) }	Harbour Engineer, Sligo, Ireland.
1914 Jan. 13.	{ *MALLETT, EDWARD, B.Sc. (Engineering) (Lond.) }	P.O. Engineering Dept., Paisley.
1907 Apr. 9.	MALLETT, FREDERICK JOHN ..	{ 5 Royal York Crescent, Clifton, Bristol.
1913 Apr. 22.	MALONE, PATRICK	{ Alcock Ashdown & Co., Ltd., Maza- gon, Bombay.
1904 Apr. 19.	MALTRY, FREDERIC THOMAS ..	South Street, Dorchester.
1912 Dec. 3.	{ *MANCHESTER, ERNEST JAMES THEODORE, M.C.E. (Melb.) .. }	Water and Sewerage Board, Bris- bane, Queensland.
1911 Feb. 7.	*MANISTY, HENRY SCOTT	c/o 40 Belsize Avenue, N.W.
1912 Dec. 3.	*MANLEY, EDWARD LOVELL ..	{ Saidpur, Eastern Bengal State Ry., India.
1906 Feb. 6.	{ *MANN, ERNEST EDWIN, B.Sc. (Victoria) }	Airedale, Highfield Lane, South- ampton.
1910 Dec. 6.	{ *MANN, FREDERICK CYRIL DUNCOMBE }	{ Chiappini Bros., Ltd., Chiappini Chambers, St. George's Street, Cape Town.
1894 Apr. 3.	MANN, GEORGE	10 Polmuir Road, Aberdeen.
1891 May 5.	MANN, Jabez	2 Tubs Hill, Sevenoaks.
1886 Jan. 12.	MANN, JOHN RANDALL	{ The Homestead, Woodlands Grove, Isleworth, Middlesex.
1913 Apr. 22.	{ MANN, THOMAS CLIFFORD, B.A. (Cantab.) }	47 Talbot Road, Highgate, N.
1905 Dec. 5.	*MANN, THOMAS HOWELLS ..	15 Glebe Road, Bedford.
1895 May 21.	MANNING, WILLIAM ROBERT ..	{ 14 Dorlcote Road, Wandsworth Common, S.W.
1898 Dec. 6.	MANSEL, ROBERT	Vant's Drift, via Dundee, Natal.
1904 Jan. 12.	MANSFIELD, JAMES FRANCIS ..	21 Clifton Avenue, Wembley, N.W.
1907 Dec. 3.	*MANSON, FREDERICK PERCY ..	{ Heathercroft, Middle Bourne, Farn- ham, Surrey.
1881 Feb. 1.	*MANWARING, HENRY HARE ..	68 Breakspears Road, Brockley, S.E.
1906 Dec. 4.	*MARIE, CAROLUS, B.Sc. (Glas.)	{ 11 Jennapies Street, Port Louis, Mauritius.
1883 May 1.	*MARJORIBANKS, DUDLEY SINCLAIR	
1893 Jan. 10.	*MARKBY, WALTER	{ 18 Sunderland Terrace, Westbourne Gardens, W.
1903 Apr. 7.	*MARKHAM, CECIL CARY	Court Chambers, Darlington.
1892 Dec. 6.	{ *MARKS, EDWARD CHARLES ROBERT }	13 Temple Street, Birmingham.
t † 1884 Mar. 4.	{ *MARKS, Sir GEORGE CROYDON, M.P. }	{ 18 Southampton Buildings, Chancery Lane, W.C. (Abecedyary, London. Holborn 836.)
1911 Dec. 5.	MARLEY, GEORGE EDMUND ..	9 Oxford Road, Worthing.
1901 Dec. 3.	MARRIAN, ARTHUR EDWARD ..	{ Director of Works Dept., Admiralty, Whitehall, S.W.
1887 Feb. 1.	*MARRIAN, FREDERIO YORK ..	7 Birchwood Ave., Muswell Hill, N.
1894 Dec. 4.	{ *MARRINER, WILLIAM WRIGHT, B.Sc. (Leeds) }	Earlesent, Scotstounhill, Glasgow.

	Date of Election.	ASSOCIATE MEMBERS.	
	1906 Dec. 4.	*MARRIOTT, EDWARD GUY ..	{ Water Rights Branch, Dept. of Lands, Parliament Buildings, Victoria, B.C.
	1905 Dec. 5.	MARRIOTT, LESLIE JOHN ..	{ Assam-Bengal Ry., Badapur, Assam, India.
	1913 Dec. 2.	{ *MARRIOTT, ROBERT ECKLIN, B.Sc. (Glas.) }	{ Oudh and Rohilkund Ry., Lucknow, India.
	1913 Mar. 11.	*MARSDEN, ELI	{ 33 Limes Avenue, Darwen.
	1911 Dec. 5.	*MARSDEN, WILFRED WALKER	{ Regent's Canal and Dock Co., 5 Lloyd's Avenue, E.C.
	1911 Apr. 4.	MARSH, CLIFFORD LLEWELLYN	{ Brookwood, Aberfan, Glam.
	1912 Jan. 9.	MARSH, FRANCIS EDWARD ..	{ 1 Cantelupe Road, Bexhill-on-Sea.
m	1912 Dec. 3.	*MARSHALL, ARNOLD ERNEST ..	{ P.W.D., Bankipore, Behar & Orissa, India.
	1910 Dec. 6.	*MARSHALL, ARTHUR BERFORD	
	1911 Dec. 5.	*MARSHALL, HARRY	{ 1 Allerton Road, Hesketh Park, Southport.
	1902 Jan. 14.	*MARSHALL, JOHN SCOTT	{ 13 Rosefield Avenue, Portobello, N.B.
	1888 May 15.	MARSTON, CHARLES FREDERICK	{ Masonic Hall Chambers, Sutton Coldfield.
	1892 May 24.	*MARSTON, EDWARD HOWIS ..	{ Thornielee, Ladbroke Road, Redhill.
	1893 Dec. 5.	MARTEN, HENRY	{ Yate, Glos.
	1884 May 27.	*MARTEN, HENRY JAMES	{ 18 Madeira Road, Streatham, S.W.
	1893 Apr. 11.	*MARTIN, ERNEST METEOR ..	{ Hanwell, W.
	1878 Feb. 5.	MARTIN, GEORGE	{ 20 St. Stephen's Road West, Ealing, W.
	1893 Dec. 5.	MARTIN, GEORGE HENRY ..	{ 13 Hatfield Road, Bedford Park, W.
	1904 Jan. 12.	{ *MARTIN, GEORGE THOMAS BARNES }	{ Caixa 403, Rio de Janeiro, Brazil.
	1905 Dec. 5.	*MARTIN, HENRY THORPE ..	{ Assam-Bengal Ry. Offices, Chittagong, India.
	1910 Dec. 6.	{ *MARTIN, HERBERT EDWARD LANCE, B.Sc. (Engineering) (Lond.) }	{ 13 Silverdale Road, Rock Ferry, Ches.
	1913 Apr. 1.	*MARTIN, JAMES IDRIS	{ 59 Parsons Green Lane, S.W.
	1887 Dec. 6.	MARTIN, JOSEPH ERNEST ..	{ 7 Residency Rd., Bangalore, S. India.
	1910 Apr. 5.	{ *MARTIN, NATHANIEL, B.Sc. (Glas.) }	{ 31 Woodend Drive, Jordanihill, Glasgow.
	1906 Dec. 4.	*MARTIN, RICHARD HARRINGTON	{ District Engr., South Indian Ry., Podanur, S. India.
	1903 Apr. 7.	{ *MARTIN, ROBERT EDMUND, M.A. (Cantab.) }	{ The Brand, Loughborough.
	1877 Mar. 6.	MARTIN, THOMAS HENRY ..	{ Windermere, Mount Pleasant Road, Hastings.
	1903 Apr. 21.	{ *MARTIN, VINCENT JOSEPH, M.Sc. (Victoria) }	{ P.W.D., Jelebu, Negri Sembilan, F.M.S.
	1886 May 18.	MARTIN, WILLIAM JAMES ..	{ Aguas Corrientes, Rosario de Santa Fé, Argentina.
	1914 Apr. 7.	{ MARTINDALE, HOWARD ROWLAND }	{ Waterworks Engr.'s Office, Great George Street, Leeds.
	1888 Dec. 4.	*MARTINDALE, WARINE BEN HAY	{ Haistwell House, Sunningdale, Berks.
	1890 Dec. 2.	*MARTINEAU, HOWARD	{ Hemel Hempstead.
	1893 Mar. 7.	*MARTIN-LEAKE, RICHARD ..	{ Marshalls, Ware, Herts.
+	1888 Dec. 4.	*MARTIN-LEAKE, STEPHEN ..	{ Marshalls, Ware, Herts.
	1880 Dec. 7.	MARTYN, GEORGE VALENTINE	{ East India United Service Club, St. James's Square, S.W.
	1906 Apr. 3.	MARWOOD, HAROLD CUTHBERT	{ c.o. 35 Magdalen Road, Wandsworth Common, S.W.
	1905 Dec. 5.	*MASON, ARNOLD STEWART ..	{ Corporation Waterworks, Liverpool.
	1899 Dec. 5.	MASON, ARTHUR JOSEPH ..	{ Town Engr. & Surveyor's Office, Swadlincote, Burton-on-Trent.

Date of Election.	ASSOCIATE MEMBERS.	
1887 May 3.	MASON, CHARLES	Foster & Pearson, Beeston, Notts.
1897 Mar. 2.	MASON, CHARLES GEORGE ..	Boro' Surveyor, Guildford.
1914 Jan. 13.	{ *MASON, CHARLES MOIR, .. M.Sc. (<i>Manchester</i>) }	{ F.C.C.A., 299 Bartolome Mitre Buenos Aires.
1914 Apr. 7.	MASON, HENRY GRAHAM ..	23 Zion Terrace, Sunderland.
1910 Feb. 1.	*MASON, HUMPHREY FRANCIS ..	Northcliffe, Felixstowe.
1914 Apr. 21.	{ MASON, JAMES HERBERT, .. B.A. (<i>Cantab.</i>) }	{ 16 Moorland Road, Leeds.
1914 Feb. 3.	{ *MASON, JOHN WEYMAN, .. B.Sc. (<i>Engineering</i>) (<i>Lond.</i>) .. }	{ Pevensey, Oak Hill, Woodford Green.
C + 1898 Dec. 6.	{ MASON, WILLIAM, .. M.Sc. (<i>Victoria</i>) }	{ Walker Engineering Laboratories, University, Liverpool.
1877 Dec. 4.	*MASON, WILLIAM JOSHUA ..	St. Denis, Shaftesbury, Dorset.
1881 May 31.	MASSEY, JOHN DUNHAM ..	{ Strathfield, Camborne Road, Sutton, Surrey.
1901 Apr. 2.	*MASTER, ROBERT CREASY ..	Ramah, New Mexico, U.S.A.
1884 Feb. 5.	MASTERMAN, CHARLES EDWARD	{ Derwent House, Lower Sandy Bay, Tasmania.
1904 Jan. 12.	MASTERMAN, SIDNEY WILLIAM	{ Royal Survey Dept., Bangkok, Siam.
1913 Jan. 14.	MASTERS, ALFRED HUBERT ..	c.o. 91 Knightsbridge, S.W.
1908 Dec. 1.	*MATHESON, ARTHUR HAROLD	{ Admiralty Offices, New Lock, Ports- mouth Dockyard.
1907 Dec. 3.	{ MATHESON, EDMOND GEORGE .. GLADSTONE }	{ G. W. Ry., Res. Engr.'s Office Birmingham.
1892 May 24.	MATHEW, CHARLES	Boro' Surveyor, Ryde, I.W.
1907 Jan. 8.	*MATHEW, HAROLD BERTRAM	City Engineer's Office, Birmingham.
1913 Dec. 2.	*MATHEWS, CHARLES BERNARD	{ Obras del Nuevo Puerto de la Capital, Buenos Aires.
1908 Apr. 7.	{ *MATHEWS, ERNEST GORDON .. DEWAR }	{ Tudor Accumulator Co., Ltd., P.O. Box 408, Calcutta, India.
1902 Dec. 2.	*MATHIESON, JAMES GRAY ..	20 The Drive, Chingford.
1905 Mar. 7.	*MATTHEW, FRANK HENRY ..	{ Las Gamas, Pascanas, F.C.C.A., Argentina.
1911 Dec. 5.	*MATTHEW, JOHN CAUNTER ..	{ Surveyor & Engr., Council Offices, Sidmouth.
1895 Dec. 3.	{ *MATTHEWS, ARTHUR BRINCKEN, .. B.A. (<i>Cantab.</i>) }	
+ 1906 Apr. 3.	MATTHEWS, ERNEST ROMNEY	Borough Engineer, Bridlington.
1893 Dec. 5.	*MATTHEWS, JAMES NEWSOME	Boro' Engineer's Office, Salford.
1904 Dec. 6.	MATTHEWS, RICHARD BORLASE	Allensmore, Swansea.
1908 Apr. 7.	MATTHEWS, ROBERT HENRY ..	15 Causton Road, Southgate, N.
1877 Mar. 6.	{ *MATTHEWS, WILLIAM MAC- DONALD }	{ 22 Broadwater Down, Tunbridge Wells.
1904 Apr. 12.	MATTINSON, HENRY ..	55 Piccadilly, Manchester.
1888 May 1.	*MATTOS, ALVARO GOMES DE ..	P.O. Box 136, Rio de Janeiro.
1912 Feb. 6.	*MAUDE, ARNOLD	8 Kimbalton Road, Bedford.
1894 Mar. 6.	MAULDIN, PAMPLIN JOHN	5 High Road, Wool Green, N.
1914 Apr. 7.	{ *MAUNSELL, GUY ANSON, .. B.Sc. (<i>Engineering</i>) (<i>Lond.</i>) .. }	{ H.M. Dockyard, Rosyth, Fife, N.B.
1902 Jan. 14.	{ *MAURICE, CHARLES JAMES .. KINDERSEY }	{ Manton Grange, Marlborough, Wilts.
1912 Mar. 5.	MAWSON, HUBERT	{ 36 Roman Place, Street Lane, Roundhay, Leeds.
1914 Feb. 3.	{ *MAWSON, JOHN HALLIWELL, .. B.Sc. (<i>Leeds</i>) }	{ 5 Sea View Gardens, Roker, Sunderland.
1894 May 22.	*MAWSON, MATTHEW	23 Bingham Road, Croydon.
1885 Apr. 14.	*MAXTED, GEORGE VINCENT ..	{ Westfield, Cliff Lane, Hornsea, Yorks.
1902 Apr. 8.	{ MAXWELL, JAMES THOMSON, .. B.Sc. (<i>Edin.</i>) }	{ East Indian Ry., Calcutta.
1900 Mar. 6.	MAXWELL, WILLIAM HENRY ..	Town Hall, Tunbridge Wells.

Date of Election.	ASSOCIATE MEMBERS.	
1912 Dec. 3.	*MAY, CHARLES EDWIN	{ Hatherley Lodge, Hatherley Road, Sidcup.
1907 Dec. 3.	*MAY, FRANK	{ 27 Oliver Grove, South Norwood, S.E.
1911 Dec. 5.	MAY, GEOFFREY HINDMARSH	{ London Electric Supply Corporation, Stowage Wharf, Deptford, S.E.
1876 Mar. 7.	MAY, JAMES GEORGE	{ 72 Bensham Manor Road, Thornton Heath, Surrey.
1910 Jan. 11.	MAY, REGINALD HENRY	{ 3 Lombard Street, E.C.
1884 May 27.	MAY, THOMAS	{ Gasworks, Richmond, Surrey.
1866 Mar. 6.	{ MAYER, EDWARD ADOLPHUS FENWICK }	
1912 Jan. 9.	{ *MAYER, FREDERICK LEWIS, B.Sc. (Glas.) }	{ 9 Northumberland Avenue, Upper Richmond Road, S.W.
1893 Jan. 10.	*MAYES, ARTHUR ERNEST	{ P.W.D., Colombo, Ceylon.
1899 Dec. 5.	*MAYES, GEORGE RICHARD	{ Wynnstay Collieries, Ruabon.
1908 Jan. 14.	{ *MAYHEW, ERNEST FORD WAT- SON }	{ Norwood, Coed Coch Road, Old Colwyn, N. Wales.
1914 Mar. 3.	*MAYHO, JOSEPH	{ Borough Engr.'s Dept., Burnley.
1889 Dec. 3.	MAYLOR, WILLIAM	{ Invermore, Hornyold Road, Malvern.
1912 Apr. 2.	MEADE, ALFRED DE COURCY	{ Construction Engr.'s Office, Regina Street Ry., Albert Street & 5th Street, Regina, Sask., Canada.
m 1911 Dec. 5.	*MEADE, ALWYNE HOWCUTT	{ Riverdale, Humber Road, Blackheath, S.E. [Lou.]
1906 Dec. 4.	*MEADEN, BERTRAM GRANT	{ Irrigation Dept., Trincomalee, Cey-
1910 Dec. 6.	{ *MEARS, ROBERT PEEL, B.A. (Cantab.) }	{ Marsland, Price & Co., Nesbit Road, Mazagon, Bombay.
1906 Apr. 3.	MEDLOCK, ARTHUR CHARLES	{ Hankow & Canton Ry., Engr.-in-Chief's Office, Hankow, China [via Siberia].
1909 Jan. 12.	*MEEK, JOSEPH BERTRAM LLOYD	{ City Surveyor's Dept., Town Hall, Manchester.
1901 Jan. 8.	MEGAW, DAVID, B.E. (Royal)	{ County Surveyor's Office, Belfast.
1913 Mar. 11.	*MEIN, OWEN COORE	{ St. David's, Oswestry.
1894 Mar. 6.	{ *MEISCHKE-SMITH, WILLIAM, M.Sc. (Victoria) }	{ 290 Rue de Bruxelles, Uccle, Brussels.
1897 Apr. 6.	*MELDRUM, JAMES	{ City Engr., Hawthorn, Victoria, Australia.
1905 Apr. 4.	{ MELLISS, HUGH JOHN, B.A. (Cantab.) }	{ Denewood, Hollycroft Avenue, Hampstead, N.W.
1905 Jan. 10.	{ MELLOR, ALFRED AYRE, M.Sc. (Victoria) }	{ 400 St. James Street, Montreal, Canada.
1905 Apr. 4.	*MELLOR, ARTHUR LEES	{ 11 Cambridge Road, Southport.
1912 Dec. 3.	{ *MELLOR, HERBERT EDWARD, M.Sc. (Manchester) }	{ 22 Hesketh Avenue, Didsbury, Manchester.
1893 May 16.	{ MELLOR, THOMAS EDWARD WHEATLEY }	{ Withington, Boyne Park, Tunbridge Wells.
1894 Feb. 6.	{ MELVILL, EDWARD HARKER VINTCENT }	{ P.O. Val Station, District Standerton, Transvaal.
1912 Dec. 3.	{ *MELVILLE, FREDERICK ROBERT, B.Sc. (Edin.) }	{ 88 Polwarth Gardens, Edinburgh.
1907 Jan. 8.	MELVIN, WILLIAM GEORGE	{ District Engr., Midnapur, India.
1899 Apr. 11.	MENMUIR, ROBERT WILLIAM ..	{ Town Hall, Woodstock, Cape Colony.
1911 Apr. 4.	{ MENZIES, WILLIAM GRAHAM DUNCAN }	{ 8 Wrotesley Road, Plumstead, S.E.
1883 Dec. 4.	*MERCER, GEORGE BARKER	{ 43 Pembroke Place, Liverpool. (Arrenpee, Liverpool.)
1908 Apr. 7.	*MERCER, LAUBENCE LESTOCK	{ Paso de Los Toros, F.C. Central del Uruguay, Uruguay.
1889 Dec. 3.	MERCER, WILLIAM ALEXANDER	{ 85 London Wall, E.C. (Merceranco, London. London Wall 406.)

Date of
Election.

ASSOCIATE MEMBERS.

1893 May 2.	MERCIECA, VINCENZO	San Paolo 232, Valetta, Malta.
1891 May 5.	MEREDITH, WILLIAM MAXSE ..	
1911 Feb. 7.	*MERRALL, ERIC WALTON ..	Manor Heath, Morton, nr. Bingley.
1898 Dec. 6.	MERRICKS, FRANK	{ 5 & 6 Great Winchester Street, E.C. (Docimology, London.)
1895 Dec. 3.	{ *MERRY DEL VAL Y ZULUETA, DOMINGO }	72 Queen's Gate, S.W.
1909 Feb. 2.	*MESSENT, EDWIN JOSIAH ..	{ Borough Engr.'s Dept., Town Hall, Kensington, W.
1895 Apr. 2.	{ MESSER, WILLIAM ALFRED SABINE }	{ S.E. & C. Ry., Engr.'s Office, London Bridge Station, S.E.
1905 Apr. 4.	*METCALFE, HENRY ERNEST ..	{ 30 Palmerston Bldgs., Auckland, N.Z.
1904 Dec. 6.	{ METCALFE, JAMES CROXON, B.Sc. (Victoria) }	Davies & Metcalfe, Ltd., Romiley, nr. Manchester.
1910 Dec. 6.	{ *MEYER, GEORGE MEYER, B.A. (Cantab.) }	74 Warrington Road, Newcastle-on- Tyne.
1910 Dec. 6.	MEYNELL, GUY D'ARCY ..	{ Victoria Falls and Transvaal Power Co., Ltd., 2 London Wall Build- ings, E.C.
1901 Feb. 5.	MEYRICK, WILLIAM HENRY ..	{ Engineer's Office, L. & S. W. Ry., Waterloo, S.E.
1897 Mar. 2.	MICHAEL, FREDERICK	Tarapaca Waterworks Co., Iquique, Chili.
1907 Apr. 23.	*MICHAEL, RICHARD EDWARD ..	Brook House, Tylorstown, Rhondda.
1889 Jan. 8.	*MIDDLEMIST, HENRY WARD ..	{ F. I. Middlemist, Honiton School, Honiton, Devon.
1910 Apr. 5.	*MIDDLETON, CYRIL	1 Bentinck Place, Newcastle-on- Tyne.
1911 Apr. 4.	*MIDDLETON, JOHN ELLIS ..	Alandale, Redear Road, Blackpool.
1900 Dec. 4.	{ MIDDLETON, JOHN HARRISON, B.A.I. (Dubl.) }	Accourt Lodge, Strand Road, Pem- broke, co. Dublin.
1910 Mar. 1.	{ *MIDDLETON, REGINALD FAIR- FAX }	90 Kensington Park Road, W.
m 1899 Dec. 5.	*MIDDLETON, WILLIAM	St. Catherine's, Chale, Isle of Wight.
1905 Dec. 5.	{ MIDGLEY, HAROLD EDWARD, M.A. (Cantab.) }	Roydon Lodge, Erith.
1914 Apr. 7.	MIERS, JAMES HEADLEY ..	3 Gordon Street, Scarborough.
1892 Dec. 6.	MILBOURNE, ROBERT JOHN ..	Muxton, near Newport, Shropshire.
1893 Mar. 7.	*MILDRED, CHARLES	Bezvada, Madras, India.
t † 1902 Apr. 8.	*MILLAR, ALEXANDER	{ 2 Park Mansions, S. Lambeth Road, S.W.
1910 Jan. 11.	{ *MILLAR, GILBERT HENRY, B.A. (Cantab.) }	National Physical Laboratory, Ted- dington, Middlesex.
1904 Dec. 6.	MILLAR, ROBERT	{ Maintenance Office, Railway Dept., Rockhampton, Queensland.
1904 Jan. 12.	*MILLER, ANDREW	80 Dewar Street, Dunfermline, N.B.
1904 Dec. 6.	MILLER, EDWARD	{ Engr.'s Office, Cheshire Lines, Central Station, Liverpool.
1892 Dec. 6.	MILLER, ERNEST	{ Ashley Mount, Tettenhall, Wolver- hampton.
1906 Dec. 4.	*MILLER, FRANCIS SAMUEL ..	{ Hill Crest, Station Road, Chorley Wood, Herts.
1893 May 2.	MILLER, HARRY WILLIAM ..	{ Smuts & Hattingh, P.O. Box 14, Tarkastad, Cape Province, S. Africa.
1892 Dec. 6.	*MILLER, HENRY MORLEY ..	Riversdale, Aigburth, Liverpool.
1914 Apr. 7.	{ MILLER, WILLIAM AITKEN, B.Sc. (Glas.) }	The University, Sydney, N.S.W.
1894 May 1.	*MILLER, WILLIAM AKERMAN ..	Commissioner of Works, Suva, Fiji.
1905 Dec. 5.	{ MILLER, WILLIAM THOMAS WARD }	6 Oakdale Road, Nether Edge, Sheffield.
1881 Dec. 6.	MILLHOUSE, WILLIAM	Town Hall, Scarborough.

	Date of Election.	ASSOCIATE MEMBERS.	
	1894 Dec. 4.	*MILLINGTON, JOHN STOTT ..	{ Fairbank & Son, Lendal Chambers, York.
t +	1910 Jan. 11.	{ *MILLINGTON, WILLIAM ERNEST WYATT }	{ Holden & Brooke, Ltd., Sirius Works, West Gorton, Manchester.
	1895 May 21.	MILLNER, WILLIAM JAMES ..	{ Met. Board of Water Supply and Sewerage, Sydney, N.S.W.
	1890 Apr. 1.	MILLS, ARTHUR EDWIN	{ c.o. 44 Church Crescent, Church End, Finchley, N.
	1910 Dec. 6.	*MILLS, ERNEST ARTHUR ..	{ 54 Denman Drive South, Hampstead Garden Suburb, N.W.
	1911 Jan. 10.	*MILLS, FRANCIS JOSEPH ..	{ Westley, Shepherd & Co.; 25 de Mayo 412, Montevideo, Uruguay.
	1909 Feb. 2.	*MILLS, FREDERICK OLDHAM ..	{ 1120 Barclay St., Vancouver, B.C.
	1892 Dec. 6.	*MILLS, GEORGE PILKINGTON ..	{ Everdene, Putney Common, S.W.
	1913 Dec. 2.	*MILLS, HARRY	{ 43 Hanover Street, Kingston, Jamaica, B.W.I.
R	1910 Jan. 11.	*MILMAN, HUGH	{ 16 Damer Street, Sheffield.
	1908 Dec. 1.	*MILNE, JAMES, B.Sc. (<i>Victoria</i>)	{ 20 Greenford Gardens, Greenford, Middx.
	1900 Dec. 4.	{ *MILNER, HAROLD WOOD, M.Sc. (<i>Victoria</i>) }	{ c.o. Postmaster, G.P.O., Madras.
	1906 Dec. 4.	*MILNER, JAMES DALTON ..	{ District Engineer, M'Bale, British Uganda.
	1911 Dec. 5.	{ *MILNER-MOORE, DOUGLAS OWEN }	{ B.B. & C.I. Ry., Parel, Bombay.
	1888 Dec. 4.	*MILNES, GEORGE PERCIVAL ..	{ 6 Roweroft, Stroud, Glos. (Milnes, Stroud, 131 Y.)
	1881 Apr. 5.	MINCHIN, JOHN BIRCH	{ Oruro, Bolivia, <i>via</i> Panama.
	1909 Dec. 7.	{ MINETT, ALBERT ERNEST SCUL- THORPE }	{ Scott & Co., Bankers, Rangoon, Burma.
ni	1912 Dec. 3.	*MINNITT, GEORGE CHAPPELL	{ Asst. Engr.'s Office, Mumbra Tunnel, Parsik, India.
	1906 Jan. 9.	*MINNITT, HENRY WILLIAM ..	{ Engr.'s Office, Admiralty Harbour Works, Dover.
	1907 Dec. 3.	{ *MINORS, ERNEST, B.Sc. (Engineering) (<i>Lond.</i>) }	{ Borough Surveyor's Office, Town Hall, Darlington.
	1906 Mar. 6.	MINSHALL, THOMAS HERBERT	{ 34 Victoria Street, S.W.
	1912 Dec. 3.	{ *MIRZA, ROHINTAN NUSSUR- VANJI, B.Eng. (<i>Liverpool</i>) .. }	{ Mysore State Railway Construction, Yedatore, nr. Mysore, India.
	1908 Dec. 1.	{ *MITCHELL, ALEC LEA, B.A. (<i>Cantab.</i>) }	{ 27 Bouverie Square, Folkestone.
	1908 Feb. 4.	{ *MITCHELL, ALEXANDER CAM- ERON, Jun. }	{ Weston House, Halewood, Lancashire.
	1909 Apr. 6.	*MITCHELL, ARTHUR STANLEY	{ Engr.'s Office, N.E. Ry., York.
	1905 Dec. 5.	MITCHELL, HERBERT EDWARD	{ 5 Victoria Street, S.W. (<i>Victoria</i> 2685.)
	1888 May 15.	{ MITCHELL, THOMAS WILFRED HOWE }	{ Mining Offices, Eldon St., Barnsley.
	1895 Mar. 5.	{ MITRA, RAJESVARA, B.A. (<i>Calcutta</i>) }	{ Superintending Engr., Jubbulpore, C.P., India.
	1896 Apr. 14.	{ MITTELHAUSEN, CHARLES JULIUS ALFRED }	{ 19 St. John's Park, Blackheath, S.E.
	1896 May 19.	MITTON, ARTHUR DURY	{ Halston Lodge, Cornwall Road, Harrogate.
	1914 Apr. 7.	MOAKES, JOHN CURTIS	{ The Orchards, Carrington Barn, Marple, Stockport.
	1912 Dec. 3.	*MOBBS, STUART KILSBY	{ 14 Jeffreys Road, Clapham, S.W.
	1906 Mar. 6.	*MOBERLY, CHARLES NOEL ..	{ Bombay Electric Supply Co., Apollo Bunder, Bombay.
	1900 Feb. 6.	*MOBERLY, JAMES EDWARD ..	{ Claddahouse, Cairnryan, Stranraer.
	1904 Apr. 12.	MOFFET, JAMES SCOTT DUNCAN	{ 47 Woodgrange Road, Forest Gate, E.

Date of Election.	ASSOCIATE MEMBERS.	
1896 Dec. 1.	*MOLLER, WARREN APPLEBY ..	{ Imp. Ry. of N. China, Mining Dept., Tientsin, China [<i>via</i> Siberia].
1902 Feb. 4.	*MOLONY, FREDERICK ARTHUR	Bengal-Nagpur Railway, Calcutta.
1902 Dec. 2.	*MOLYNEUX, THOMAS	Town Hall, Stockport.
1904 Apr. 19.	{ *MONCKTON, OLIVER PAUL, M.A. (<i>Contab.</i>) }	87 Victoria Street, S.W.
1886 Feb. 2.	MONCUR, JAMES	County Surveyor, Stafford.
1910 Dec. 6.	{ *MONCUR, JAMES, Jun., B.Sc. (<i>B'ham.</i>) }	Rowley Bank, Stafford.
1900 Dec. 4.	{ *MONK, JAMES EDMONSON, B.Sc. (<i>Victoria</i>) }	Grindlay, Groom & Co., Bombay.
1912 Dec. 3.	MONKS, FREDERICK DOUGLAS ..	{ North-Western Ry., Jhelum, Punjab, India.
1904 Dec. 6.	{ *MONRO, KENNETH NEAL, M.A. (<i>Contab.</i>) }	21 Tregunter Road, South Kensington, S.W.
1904 Jan. 12.	{ *MONRO, ROBERT GODFREY, M.A. (<i>Contab.</i>) }	Kelvedon, Claygate, Surrey.
1886 Apr. 6.	MONSON, HENRY	{ Engr. & Surveyor's Office, Redruth, Cornwall.
1896 Dec. 1.	*MONTAGU, DROGO	Holcombe, Minchinhampton, Glos.
1905 Apr. 4.	*MONTAGUE, JOHN EDWARD ..	{ C. A. H. Montague, Leigh Woods, Bristol.
1899 Apr. 11.	{ MONTGOMERY, HERBERT ELPHINSTONE }	31 Stanhope Gardens, S.W.
1908 Feb. 4.	{ *MONTGOMERY, RICHARD NATHANIEL, B.A., B.A.I. (<i>Dubl.</i>) }	11 St. Mary's Road, Pembroke, Dublin.
1908 Apr. 7.	{ *MONTGOMERY, JAMES EDWARD, B.Sc. (<i>Engineering</i>) (<i>Lond.</i>) }	G. H. Hill & Sons, 3 Victoria Street, S.W.
1903 Apr. 7.	MOON, EDWARD MERCER ..	{ Director of Works Dept., Admiralty, S.W.
1895 Dec. 3.	*MOON, EDWIN JOHN	{ 15 West Lodge Avenue, Acton Hill, W.
1900 Dec. 4.	{ *MOON, FREDERICK WILLIAM, B.E. (<i>Royal</i>) }	Rantan Pandjang, Tandjong Poera, Sumatra.
1897 Dec. 7.	{ *MOORBY, WILLIAM HENRY, M.Sc. (<i>Victoria</i>) }	Civil Engineer, H.M. Dockyard, Chatham.
1894 May 1.	*MOORE, ARTHUR PILCHER FORD	90 Queen Street, Cheapside, E.C.
1907 Dec. 3.	{ MOORE, CECIL ARBUTHNOT ST. GEORGE, M.A. (<i>Contab.</i>) }	Fenwick Court, Brunswick Street, Liverpool.
1894 May 1.	{ MOORE, CHARLES ELLIOTT, B.A.I. (<i>Dubl.</i>) }	P.O. Box 5329, Johannesburg.
1899 Jan. 10.	{ MOORE, COURTENAY EDWARD, B.A. (<i>Dubl.</i>) }	D. & S.E. Ry., 1 Westland Row, Dublin.
1886 Dec. 7.	*MOORE, EDWIN HENRY	{ 20 Baskerville Road, Wandsworth Common, S.W.
1894 May 1.	{ MOORE, ERNEST SHERWOOD WOOLLARD }	122 Tottenhall Road, Wolverhampton.
1906 Dec. 4.	*MOORE, JAMES	{ 36 Nassau Street, Dublin. (Design, Dublin. 2960.)
1907 Apr. 9.	{ MOORE, JOHN ALEXANDER, B.E. (<i>Royal</i>) }	7 Highbury Terrace, Highbury, N.
1899 Jan. 10.	{ *MOORE, SYDNEY WILLIAM, B.A. (<i>Dubl.</i>) }	Engineer's Office, G. W. Ry., Paddington, W.
1911 Jan. 10.	MOORE, WALTER LANCELOT ..	{ Bank of N.S.W. Chambers, Lambton Quay, Wellington, N.Z.
1891 Dec. 1.	{ MOORHEAD, ROBERT BRADSHAW, B.A.I. (<i>Dubl.</i>) }	5 Pelsin Road, Shanghai, China [<i>via</i> Siberia].
1910 Dec. 6.	MOORHOUSE, HERBERT	County Hall, Lewes, Sussex.
1909 Feb. 2.	{ MORCOM, EDGAR LLEWELLYN, M.A. (<i>Contab.</i>) }	Belliss & Morcom, Ltd., Ledsam Street, Birmingham.
1908 Apr. 7.	MORE, ROBERT	{ Asst. Engr., Govt. Rys., Atbara, Sudan.

	Date of Election.	ASSOCIATE MEMBERS.	
m	1896 Dec. 1.	*MORELAND, RICHARD, Jun. ..	80 Goswell Road, E.C.
	1910 Dec. 6.	*MORETON, JOSEPH ROBINSON ..	{ Kinderton Hall, Middlewich, Cheshire.
	1892 Feb. 2.	MORGAN, ARTHUR HENRY ..	{ Mogok, Ruby Mines District, Burma.
	1899 Jan. 10.	MORGAN, EDWARD LLEWRWG ..	Boro' Engineer, Bolton. [Yorks.
	1913 Apr. 22.	*MORGAN, ERNEST	Webster Hill House, Dewsbury.
	1899 Apr. 11.	MORGAN, FRANK	{ 31 Queen's Road, Newcastle-on-Tyne.
m †	1904 Dec. 6.	*MORGAN, JOHN DAVID	{ Marks & Clerk, 13 Temple Street, Birmingham.
	1903 Apr. 7.	*MORGAN, SYDNEY HUBERT ..	{ Council Offices, Prestwich, Manchester.
	1910 Jan. 11.	MORGAN, WILLIAM HENRY ..	Coombe Dell, South Croydon.
	1899 Dec. 5.	{ *MORGAN, WILLIAM RICHARD WILMOT	P.W.D. Bungalow, Kegalle, Ceylon.
	1889 Dec. 3.	{ *MORIARTY, HENRY ALLASTER ORPEN	Roscrea Priory, Goulburn, N.S.W.
	1914 Feb. 3.	{ MORICE, JAMES MURRAY, B.Sc. (Edin.)	Town Hall, Wellington, New Zealand.
	1911 Dec. 5.	{ *MORFURGO, FREDERICK GUSTAVUS ADOLPHUS BELA DE, B.A. (Cantab.)	92 Champs Elysées, Paris.
	1905 Dec. 5.	MORRALL, HENRY EDMUND ..	67 Victoria St., Wolverton, Bucks.
	1910 Dec. 6.	{ MORRIS, ARTHUR PERCY, B.Sc. (Engineering) (Lond.)	Government School of Engineering, Insein District, Burma.
	1913 Feb. 4.	MORRIS, CHARLES CHRISTOPHER	Salahib, Gharbieh, Egypt.
B	1911 Apr. 4.	*MORRIS, DAVID JOHN	{ P.W.D., Rajanpur P.O., Dist. Dera Ghazi Khan, Punjab.
	1883 Feb. 6.	MORRIS, EDMUND LEGH	18 Chesham Place, Brighton.
t †	1900 Apr. 3.	*MORRIS, EDWARD HAROLD ..	{ 11 Merry Bower Road, Broughton Park, Manchester.
	1913 Apr. 22.	MORRIS, ERNEST AUGUSTUS ..	{ Harbour of Refuge Works, Peterhead, N.B.
R	1912 Dec. 3.	*MORRIS, JAMES HULBERT ..	{ Res. Engr.'s Office, G.I.P. Ry., Ahmednagar, India.
	1912 Apr. 23.	*MORRIS, JOHN MCGREGOR ..	41 Merchiston Avenue, Edinburgh.
R	1914 Feb. 3.	{ *MORRIS, RICHARD DOUGLAS, B.Sc. (Engineering) (Lond.)	91 Crookes Road, Sheffield.
	1909 Jan. 12.	*MORRIS, RICHARD FRANCIS ..	38 Bryngwyn Road, Newport, Mon.
	1908 Feb. 4.	*MORRIS, RICHARD VIVIAN ..	Raub Club, Raub, Pahang, F.M.S.
	1901 Dec. 3.	*MORRIS, WILLIAM GERALD ..	{ Muchelney, The Avenue, Wanstead, N.E.
	1894 May 22.	*MORRIS, WILLIAM VANE	c.o. 28 Park Road, Forest Hill, S.E.
	1899 Dec. 5.	MORRISON, JAMES SMITH ..	{ 10 Heath Crescent, Linthorpe, Middlesbrough.
	1913 Dec. 2.	{ *MORRISON, JAMES THOMSON, Jun.	P.W.D., Batticaloa, Ceylon.
	1907 Dec. 3.	{ MORRISON, JOHN AMBROSE ABERCROMBY, M.A., B.Sc. (Edin.)	Pegu, Burma.
	1898 Apr. 5.	MORRISON, RALPH PERCY ..	{ Allerton, Old Avenue, Weybridge, Surrey.
	1899 Apr. 11.	MORRISON, WILLIAM, B.Sc. (Glas.)	7 Maurice Place, Edinburgh.
	1908 Apr. 7.	{ MORRISON, WILLIAM, B.Sc. (Glas.)	{ Morrison & Mason, Ltd., New Lock Contract, H.M. Dockyard, Portsmouth.
m	1910 Apr. 19.	{ *MORSE, LEOPOLD GEORGE, ESMOND, B.A. (Cantab.) ..	23 Moor Oaks Road, Sheffield.
	1908 Apr. 7.	MORTON, THOMAS DANKS ..	{ Engr.'s Dept., N.B. Ry., 23 Waterloo Place, Edinburgh.

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ASSOCIATE MEMBERS.

1905 Dec. 5.	{ *MOSS, RICHARD CECIL, B.A., B.A.I. (<i>Dubl.</i>) }	4 Shanganah Terrace, Killiney, co. Dublin.
1894 Dec. 4.	MOSS-FLOWER, THOMAS JAMES	{ Carlton Chambers, Baldwin St., Bristol. (Moss-Flower, Bristol, 756.)
1905 Apr. 4.	MOULD, ARTHUR ERNEST ..	G.I.P. Ry., Mammad, India.
1892 Dec. 6.	{ MOULD, (GEORGE ALEXANDER) HUTCHINGS }	510 Fourth Street, Brooklyn, N.Y., U.S.
1893 Jan. 10.	MOUNTAIN, ARTHUR HENRY ..	16 John Dalton Street, Manchester.
1908 Apr. 7.	MOUNTFORT, LOUIS FREDERIC	{ Birmingham, Tame and Rea District Drainage Board, Tyburn, Birmingham.
1902 Feb. 4.	MOUNTFIELD, JAMES	{ Engr. - Lieut. P. Warwick, R.N., Engineering Dept., H.M. Dockyard, Devonport.
1907 Apr. 23.	{ MOYERS, WILLIAM ARTHUR, B.A., B.A.I. (<i>Dubl.</i>) }	P.O. Box 6, Idutywa, Transkei, C.P., South Africa.
1902 Apr. 8.	MOYLAN, WILLIAM MORGAN ..	{ 17 Collingham Place, South Kensington, S.W.
1877 Mar. 6.	*MOYLE, SAMUEL	Towan, Nightingale Road, Guildford.
1912 Mar. 5.	*MOYS, HERBERT, B.Sc. (<i>Victoria</i>)	Gas Works, Beckton, N. Woolwich.
1909 Apr. 6.	MUCKLE, WILLIAM FITKIN ..	Hillview, Crayford, Kent. [E.]
1912 Apr. 2.	*MUDD, ARTHUR	{ 7 Chatham Road, Whalley Range, Manchester.
1889 Feb. 5.	*MUIR, EDWARD LESLIE ROBERT	Engr.'s Office, Midland Ry., Derby.
1906 Feb. 6.	MUIRHEAD, JAMES, B.Sc. (<i>Glas.</i>)	{ British Columbia Electric Ry. Co., Ltd., Vancouver, B.C.
1910 Feb. 1.	{ *MUIRHEAD, THOMAS, B.Sc. (<i>Glas.</i>) }	Engineering Dept., British Columbia Electric Ry. Co., Ltd., Victoria, B.C.
1886 Feb. 2.	*MULLIGAN, THOMAS NORTH ..	Craigmore, Anglesen Road, Ballsbridge, Dublin.
1902 Feb. 4.	*MULLINGS, TOM OSBORN ..	Electric Supply Co., Mansourah, Colechester. [Egypt.]
1885 Feb. 3.	MUMFORD, ARTHUR GEORGE ..	141A Scottish Provident Buildings, Donegall Square West, Belfast.
1904 Apr. 19.	{ *MUNCE, JAMES STILWELL, B.E. (<i>Royal</i>) }	141A Scottish Provident Buildings, Donegall Square West, Belfast.
m 1872 May 7.	*MUNDAY, HENRY THOMAS ..	{ 14 Modena Road, Portland Road, Hove, Sussex.
1890 Dec. 2.	MUNN, ROBERT ANDREW ..	5 Winn Road, Southampton.
1894 Jan. 9.	{ MUNRO, JOHN MACINTOSH MACKAY }	108 Douglas Street, Blythswood Square, Glasgow.
1909 Dec. 7.	*MUNRO, ROBERT CLARKE ..	{ 103 149 Cornwall Road, South Tottenham, N.
1892 Mar. 1.	MURCOTT, DANIEL	{ Shackleton, via Kellerberrin, W. Australia.
1913 Dec. 2.	{ MURFIN, LOUIS JOHN JAMES, B.Sc. (Engineering) (<i>Lond.</i>) }	3 Risingholme Villas, High Road, Wexham, Middlesex.
1902 Apr. 8.	MURPHY, CHARLES FRANKLIN	{ 33 Bridge Street, Morpeth, Northumberland.
1904 Jan. 12.	*MURPHY, MATTHEW ALEXANDER	P.W. Office, Castries, St. Lucia, B.W.I.
1911 Jan. 10.	*MURPHY, PHILIP FREDERICK ..	{ Provincial Engr.'s Office, Dept. of Public Works, Winnipeg, Canada.
1910 Apr. 19.	{ MURRAY, ALEXANDER RODERICK }	Dera Ghazi Khan, Punjab.
1890 Jan. 14.	*MURRAY, CHARLES	{ Office of the Secretary for Public Works, Pretoria, South Africa.
1913 Apr. 22.	*MURRAY, FRANCIS THOMAS ..	{ Cleveland and Cameron, 1001 Rogers Building, Vancouver, B.C.
1895 Jan. 8.	*MURRAY, GEORGE THOMAS ..	{ Roads Dept., New Plymouth, New Zealand.
1908 Dec. 1.	*MURRAY, JOHN, B.A. (<i>Cantab.</i>)	Rahanna, Ardee, co. Louth, Ireland

Date of Election.	ASSOCIATE MEMBERS.	
1909 Apr. 6.	*MURRAY, NORMAN	{ Chief Engr.'s Office, Burma Rys., Rangoon, Burma.
1910 Jan. 11.	MURRAY, NORMAN	{ Town Engr., Weyburn, Sask., Canada.
m 1900 Dec. 4.	{ *MURRAY, ROBERT ALAN ERSKINE	{ Chief Engr.'s Office, C.S.A. Ry., Johannesburg, Transvaal.
1912 Apr. 2.	*MURRAY, ROBERT HUTCHISON	{ Bureau of Public Health, Regina, Sask., Canada.
1905 Feb. 7.	{ *MURRAY, RONALD CHARLES SCOTT, B.A. (<i>Cantab.</i>) ..	{ Hambleden, Henley-on-Thames.
1890 Apr. 1.	MURRAY, STEWART BINNY ..	{ Parry & Co., Madras.
1908 Dec. 1.	MURRAY, WILLIAM	{ 17 Jessica Road, Wandsworth Common, S.W.
1910 Dec. 6.	{ *MURRAY, WILLIAM ROBERT JARDINE	{ F. C. Sud, Via y Obras, Buenos Aires.
1908 Dec. 1.	MURRAY-SMITH, ARTHUR ..	{ Municipal Offices, Cheltenham.
1907 Dec. 3.	{ MYDDLETON, CORNELIUS WIL- LIAM	{ The Railway & Works Co., Ltd., 37 Old Jewry, E.C.
1865 Apr. 4.	{ *MYERS, GEORGE DOUGLAS ALFRED	{ Hon. G. P. Myers, Kingston, Jamaica.
1887 Mar. 1.	MYLNE, HENRY CHARLES ..	{ Fieldhouse, Wokingham, Berks.
1904 Dec. 6.	NAIRN, WILLIAM	{ 5 Woodlee Gardens, Langside Road, Newlands, Glasgow.
1906 Mar. 6.	{ *NAPIER, ARTHUR GEORGE FRITZ, M.Sc. (<i>Victoria</i>) ..	{ Accountant-General's Office, Ran- goon, Burma.
1908 Apr. 7.	NAPIER, GEORGE PAXTON ..	{ Asst. Engr., P.W.D., Victoria, British Columbia.
1913 Jan. 14.	*NAPIER, LENOX	{ 11 Christchurch Road, Doncaster.
1909 Dec. 7.	*NAPPER, WILLIAM ERNEST ..	{ B. & N.W. Ry., Gorakhpur, U.P., India.
✠ 1899 Dec. 5.	{ *NARDIN, ERNEST WILLOUGHBY, B.E. (<i>Sydney</i>)	{ Citizens' Life Buildings, Moore Street, Sydney, N.S.W.
1903 Mar. 3.	*NARIMAN, RUSTOM KAIKHASRO	{ P.W.D., Lahore, India.
1887 Dec. 6.	{ NASH, ALFRED GEORGE, B.Sc. (<i>Edin.</i>)	{ Belretus, Mandeville P.O., Jamaica.
1904 Apr. 12.	{ NASH, FOUNTAIN OKEY COLBORNE	{ Chief Town Planning Assistant, City Engr.'s Office, Birmingham.
1895 Mar. 5.	NASH, RICHARD WILKINSON ..	{ 9 Bridge St., Westminster, S.W.
1905 Dec. 5.	NASH, WHITWELL TRYON ..	{ Head Office, G.I.P. Ry., Bombay.
1884 May 27.	NATHAN, BENJAMIN ARTHUR ..	{ 7 Adam's Court, E.C.
1904 Apr. 12.	NATHANIELSZ, ARTHUR HOLMAN	{ P.W.D., Amradapura, Ceylon.
1900 Apr. 3.	NAYLOR, CHARLES HENRY ..	{ 67 Murray Road, Rugby.
1878 Feb. 5.	*NEAL, HERBERT	{ Avondel, Hollington Park, St. Leo- nards-on-Sea.
1913 Apr. 22.	NEAL, JAMES HENRY	{ Devonia, High View Avenue, Grays, Essex.
1904 Dec. 6.	{ NEAL, ROBERT HENRY BENNETT	{ 8 Fielding Terrace, Ealing Common, W.
1889 Jan. 8.	NEALL, FRANK FEARNE	{ 6 College Mansions, Sydenham Park, S.E.
1913 Jan. 14.	{ *NEALOR, JOHN, B.Sc. (Engi- neering) (<i>Lond.</i>)	{ New Carlisle, co. Bonaventure, P.Q., Canada.
1912 Jan. 9.	{ *NEAVE, ALLEN ASHTON PHELPS, B.Sc. (Engineering) (<i>Lond.</i>)	{ Supt. Civil Engr.'s Office, H.M. Dockyard, Devonport.
1898 Jan. 11.	{ NEELY, ALEXANDER JAMES, M.A. (<i>Dubl.</i>)	{ National Bank of India, Clive Street, Calcutta.

Date of
Election.

ASSOCIATE MEMBERS.

1914 Apr. 7.	*NEIL, ALLEN WARWICK	{ 108 Alma Road, The Avenue, Southampton. [Essex.]
1904 Apr. 12.	NEILL, THOMAS ALBERT	{ 223 Wanstead Park Road, Ilford, Chief Constructing Engr., Rio
1909 Dec. 7.	*NEILSON, ROBERT	{ Tercero Irrigation Works, Cor- doba, Argentina.
1905 Dec. 5.	{ NEILSON, ROBERT THOMSON, } { B.Sc. (Glas.) }	{ Western Club, Glasgow.
1908 Mar. 3.	*NELSON, CAMPBELL JAMES	{ Parkhurst, Crakell Road, Reigate.
1895 Dec. 3.	*NELSON, GEORGE	{ Council Chambers, Gosforth, North- umberland.
1911 Feb. 7.	{ *NELSON, GEORGE GEOFFREY, } { B.A. (Cantab.) }	{ Engr.'s Office, Admiralty Harbour Works, Dover.
1910 Jan. 11.	NELSON, RICHARD	{ East Hull Gas Co., St. Mark Street, Groves, Hull.
1907 Dec. 3.	NELSON, WILLIAM MUIR	{ Brisbane Tramway Co., Ltd., Coun- tess Street, Brisbane, Queensland.
1896 Jan. 14.	NETO, JOSEPH GOMES	{ 12 Rua Barao de Victoria, Per- nambuco.
1909 Dec. 7.	*NETTELTON, OSCAR TRAVES	{ P.W.D., Kandy, Ceylon.
1891 May 12.	NEVINS, HUBERT PENROSE	{ 5 Norfolk Street, Manchester.
1894 Jan. 9.	NEWBIGGING, WILLIAM	{ 3 St. Nicholas Buildings, Newcastle- on-Tyne.
1907 Apr. 9.	NEWBIGIN, HENRY THORNTON	{ Broad Street, Park Gate, Rother- ham.
1913 Apr. 22.	NEWBOULD, CLIFFORD JOHN	{ 69 Rua de Santa Luzia, Rio de Janeiro, Brazil.
1899 Apr. 11.	NEWHAM, JOHN THOMAS	{ Irrigation Service, Cairo, Egypt.
1911 Dec. 5.	{ NEWHOUSE, FREDERIC, } { B.Sc. (Engineering) (Lond.) }	{ 78 Mount Pleasant, Barrow-in- Furness.
* 1908 Dec. 1.	{ *NEWLANDS, JOHN ERIC, } { B.Sc. (Edin.) }	{ Brooks, Alberta, Canada.
1904 Apr. 12.	NEWMAN, HENRY ARTHUR	{ Council Offices, Church End, Finch- ley, N.
1911 Apr. 4.	NEWMAN, HENRY WILLIAM	{ L. & N.W. Ry., Engr.'s Office, Euston, N.W.
1890 May 6.	NEWMAN, JOHN THOMAS	{ Wytefelde, Elsee Road, Rugby.
1910 Jan. 11.	NEWMAN, WILLIAM WALTER	{ Council Offices, Watford, Herts.
1891 May 5.	*NEWMARCH, HERBERT SMALES	{ Howden Lodge, Charendon Road, Southsea.
1908 Apr. 14.	*NEWTON, HAROLD ALEXANDER	{ 4 Raymond Buildings, Gray's Inn, W.C.
1911 Apr. 11.	{ *NEWTON, KENNETH, } { B.Sc. (Engineering) (Lond.) }	{ City and Guilds College, South Kensington, S.W.
1907 Apr. 9.	NEWTON, PERCY	{ Chief Electrical Engr.'s Office, L. & N.W. Ry., Euston, N.W.
1911 Feb. 7.	{ *NEWTON, THOMAS HOTHAM, } { B.A. (Cantab.) }	{ Marryatt Road, Wimbledon Com- mon, S.W.
1912 Dec. 3.	*NEWTON, WILLIAM HENRY	{ Leeds Sewerage Works, Res. Engr.'s Office, Contract 41, 15 Gibson Street, Leeds.
1887 May 24.	NEWTON, WILLIAM JOSEPH	{ Boro' Surveyor, Acerington.
1907 Apr. 9.	{ *NEWTON - CLARE, EDWARD } { THOMAS, M.A. (Cantab.) .. }	{ e.o. The Ferns, Beckenham.
* 1902 Dec. 2.	NIAS, CHARLES HENRY	{ Fairford Lodge, Millbrook Road, Southampton.
1888 Feb. 7.	*NICHOLL, ARTHUR EDWARD	{ The Greenways, nr. East Grinstead, Surrey.
1896 Dec. 1.	*NICHOLL, JOHN CLARIDGE	{ West End Terrace, Smiddles Lane, Bradford.

LIST OF ASSOCIATE MEMBERS OF

Date of Election.	ASSOCIATE MEMBERS.	
1912 Mar. 5.	*NICHOLL, WILLIAM HAROLD ..	{ G. A. Franks, Station Approach, Guildford.
1896 Dec. 1.	NICHOLLS, JOHN SAMUEL ..	{ 25 Hamilton Road, Harrow.
1907 Dec. 3.	NICHOLLS, REGINALD	{ Gablehurst, Archers Road, Southampton.
1910 Apr. 19.	{ *NICHOLSON, HORACE WATSON, B.Sc. (Engineering) (Lond.) }	{ P.O. Rahmanpur, via Serai Auningabad, Dist. Gujarat, Punjab.
1904 Apr. 19.	NICHOLSON, JAMES NAPIER ..	{ 19 Tanfield Chambers, Bradford.
1912 Jan. 9.	*NICHOLSON, JOHN	{ 31 Marine Parade, Dover.
1910 Jan. 11.	{ *NICHOLSON, JOHN HEDLEY, B.Sc. (Engineering) (Lond.) }	{ Sir Wm. Arrol & Co., Ltd., G.C. Ry., New Keadby Bridge, Gunned, Donecaster.
† 1897 Jan. 12.	{ *NICOLLS, EDWARD HUGH DYNELEY }	{ P.W.D., Cyprus.
1912 Apr. 23.	{ *NIMMO, WILLIAM HOGARTH ROBERTSON, B.C.E. (Melbourne) }	{ e.o. Engr.-in-Chief, P.W.D., Hobart, Tasmania.
1888 Dec. 4.	NISBET, THOMAS	{ Public Works Office, Glasgow.
1913 Apr. 22.	*NIVEN, ERNEST CUMMING ..	{ Port Commissioner's Office, P.O. Box 85, Rangoon.
1897 Apr. 6.	NIXON, FREDERICK ALBERT ..	{ Monforte, Long Lane, Finchley, N.
1909 Apr. 20.	*NOBLE, PETER	{ Public Works Dept., Dominica, British West Indies.
1899 Apr. 11.	NOLAN, JOHN JOSEPH	{ 39 Dawson Street, Dublin.
I t † 1899 Dec. 5.	{ *NOLAN, THOMAS RICHARD, B.E. (Royal) }	{ Haflong, North Cachar, India.
1907 Mar. 5.	{ NOLANS, HENRY FURNEY, M.A., B.A.I. (Dubl.) }	{ e.o. Port of London Authority (River Dept.), Victoria Embankment, E.C.
1910 Apr. 5.	NORFOLK, TOM LORD	{ N.E. Ry., Dock Engr.'s Office, Hull.
1905 Apr. 4.	*NORMAN, FRANK	{ The Pines, Epsom.
1907 Dec. 3.	{ NORMAN, GEOFFREY HAMILTON, B.Sc. (Engineering) (Lond.) }	{ 3 Lloyd's Place, Blackheath, S.E.
1913 Dec. 2.	*NORMAN, PERCY GORDON ..	{ Heathfield, Taunton.
1881 Apr. 5.	NORMANVILLE, WILLIAM DE ..	{ Boro' Engineer, Leamington.
1907 Feb. 5.	{ *NORRIE, CHARLES MATTHEW, B.Sc. (St. Andrews) }	{ e.o. Mrs. E. R. Norrie, 17 Avenue Mansions, Finchley Road, Hampstead, N.W.
1914 Feb. 3.	NORRIS, JOHN	{ Buller County Office, Westport, New Zealand.
1910 Mar. 1.	*NORRIS, PERCIVAL MORTON ..	{ P.W.D., Colombo, Ceylon.
1905 Apr. 4.	*NORSWORTHY, HERBERT HENRY	{ Topham, Jones & Railton, Port Talbot Steel Works, Port Talbot.
1897 Dec. 7.	NORTHGROFT, GEORGE ANDREW	{ 34 Fountain Road, Edgbaston.
1894 Dec. 4.	*NORTON, ARTHUR	{ Bruton, Somerset.
1904 Dec. 6.	NORTON, FREDERICK WILLIAM	{ Kynance, Reading Road, Farnborough, Hants.
1912 Apr. 2.	*NORTON, STEPHEN JOHN ..	{ York Avenue, Hunstanton, Norfolk.
1901 Mar. 5.	NOWELL, ARTHUR BERRY ..	{ Deputy Sanitary Engr. to Government, Chetput, Madras, India.
1893 May 2.	{ NOWROJI, HORMUSJI, B.E. (Madras) }	{ State Railways, Cairo, Egypt.
1876 Feb. 1.	NUBAR, H. E. BOGHOS, Pasha	{ P.W.D., Thos. Cook & Son, Rangoon.
1909 Feb. 2.	*NUNES, LIONEL GEORGE ..	{ Burma.
1905 Dec. 5.	NUNN, JAMES WILLIAM	{ Thos. Cook & Son, 9 Old Court House Street, Calcutta.
1912 Jan. 9.	*NUTHALL, WILLIAM FROST ..	{ Palamcottah, Tinnevely, Madras Presidency, India.
1896 May 19.	NUTTALL, EDMUND	{ Chasefield, Park Road, Bowdon, Ches.
1899 Dec. 5.	*NUTTALL, HERBERT	{ The Laurels, Fulwood, Preston.
1897 Mar. 2.	*NYE, ARTHUR WILLIAM	{ 62 New Broad Street, E.C.
1888 Apr. 10.	*NYE, WILLIAM THOMAS	{ Gasworks, Wynnun South, Queensland.

Date of Election.	ASSOCIATE MEMBERS.	
1908 Apr. 7.	*OAKDEN, EDWARD	{ 69 Wellington Road, Fallowfield, Manchester.
1902 Mar. 4.	*OAKDEN, RALPH, JUN.	{ District Surveyor, Winchelsea Avenue, Newark.
1914 Jan. 13.	*OAKES, EDWIN CYRIL	{ 6 Edgefield Road, Carterknowle, Sheffield.
1912 Jan. 9.	*OAKES, FRANCIS EDWARD	{ Loco. Dept., Sudan Government Rys., Atbara, Sudan.
1885 May 5.	{ OAKES, Sir REGINALD LOUIS, Bart.	{ Cairo Electric Rys., and Heliopolis Oasis Co., Cairo.
1896 Feb. 4.	*OAKLEY, ERNEST JOHN	{ Kilburn & Co., 4 Fairlie Place, Calcutta.
1910 Jan. 11.	*OBORN, STANLEY MILL	{ 610 Lumsden Buildings, Yonge Street, Toronto, Canada.
1909 Dec. 7.	{ O'BRIEN, CORNELIUS, B.A.I. (DUBL.)	{ Irish Construction Co., Lincoln Chambers, Lincoln Place, Dublin.
m 1902 Jan. 14.	{ *O'BRIEN, HENRY EOGHAN, B.Sc. (Victoria)	{ L. & Y. Ry., Locomotive Works, Horwich.
1914 Apr. 7.	*O'BRIEN, JOSEPH ANDREW	55 Broad Street Avenue, E.C.
1910 Dec. 6.	O'BRIEN, MICHAEL, B.E. (Royal)	Madura, Madras Presidency, India.
1892 Apr. 5.	O'CONNOR, HENRY	1 Drummond Place, Edinburgh.
1903 Mar. 3.	{ *O'CONNOR, RICHARD FRANCIS, MARY, B.A., B.E. (Royal) .. }	{ County Surveyor's Office, Mallow, co. Cork.
1902 Dec. 2.	*ODDIE, PHILIP FRANCIS	{ St. Albans, The Ridgway, Wimbledon.
1887 Mar. 1.	O'DRISCOLL, FLORENCE	{ 2v Bickenhall Mansions, W. (Paddington 994.)
1889 Jan. 8.	*OETEL, FRED. OSCAR	Allahabad, U.P., India.
1902 Mar. 4.	OERTON, FRANK JAMES	{ Club de Residentes Extrajeros, Bartolome Mitre 476, Buenos Aires.
1886 Jan. 12.	*OGILVIE, GEORGE TOD	{ Enderby, Orche Hill Avenue, Gerard's Cross, Bucks.
1907 Apr. 9.	O'GRADY-GILL, WILLIAM JOHN	P.W.D., Lucknow, U.P., India.
1907 Apr. 9.	*OGSTON, HAMISH NORMAN	{ Ogston Motor Co. Ltd., Southfield Road, Acton, W.
1908 Dec. 1.	*O'HARA, STANLEY	72 Victoria Street, S.W.
1912 Mar. 5.	*OHLSON, ARTHUR LOWE	{ 52 South Drive, Chorlton-cum-Hardy, Manchester.
1892 Dec. 6.	OKE, FRANCIS ROBERT	{ Admaston Cottage, Wistaston, Nantwich.
1907 Jan. 8.	{ *OKELL, ALFRED WILLIAM, B.A. (Cantab.)	{ Glen Falcon, Douglas, Isle of Man.
1865 Apr. 4.	OKES, JOHN CHARLES RAYMOND	30 Mildred Avenue, Watford, Herts.
1894 Dec. 4.	OKURA, KUNEMA	{ Okura & Co., Ginza, Tokio, Japan [via Siberia].
1893 Dec. 5.	OLIVER, ALFRED MARK	Caixa 1284, Rio de Janeiro.
1910 Jan. 11.	OLIVER, EDWARD ALEXANDER	{ Capt. Taylor, The Moorings, Coorparoo, Brisbane, Queensland.
1865 Apr. 4.	OLIVER, THOMAS	Horsham, Sussex.
1913 Dec. 2.	{ OLIVER, THOMAS LEWIS, B.Sc. (Wales)	{ Surveyor's Office, Stanley Buildings, Conway, North Wales.
1911 Feb. 7.	*OLIVER, WILLIAM, B.Sc. (Edin.)	{ 70 Netherby Road, Trinity, Edinburgh.
1913 Dec. 2.	*OLLIFF-LEE, OLLIFF	Naini Tal, United Provinces, India
1914 Apr. 21.	{ *OLLIFF-LEE, WALTON NOEL, B.Sc. (Engineering) (Lond.) }	{ 23 Blenheim Road, Bedford Park, W.
1885 Apr. 14.	OLLIS, WILLIAM BAKER	{ Kibworth House, Ashby Road, Burton-on-Trent.
1910 Dec. 6.	{ OMAR, ABDEL MAGEED, M.Sc. (Leeds)	{ Giza, Egypt.
1905 Apr. 4.	*OMMANNEY, GEOFFREY GREAM	{ Canadian Pacific Ry., Montreal, Canada.

Date of Election.	ASSOCIATE MEMBERS.	
1893 Mar. 7.	OPENSHAW, JAMES	Boro' Engineer's Office, Salford.
1913 Dec. 2.	ORAM, WALTER CHARLES ..	{ c.o. Grindlay and Co., 54 Parliament Street, S.W.
1892 Mar. 1.	*O'REILLY, FRANCIS JOSEPH ..	{ Point Ellice, Victoria, British Columbia.
1885 Feb. 3.	*ORMEROD, RICHARD OLIVER ..	{ Moored Park Lawn, Cheltenham.
1908 Feb. 4.	{ *ORMISTON - CHANT, THOMAS } CLEMENT	{ Marstrand, Price & Co., Ltd., Bombay.
1890 Mar. 4.	ORR, ADOLPHE ERNEST	{ Lahore, Punjab, India.
M † 1910 Feb. 1.	*ORRELL, JAMES ATHERSMITH ..	{ W. H. Hunter, 42 Spring Gardens, Manchester.
1887 Dec. 6.	ORTON, FREDERICK	{ Fulbourn, Cambridge.
1890 Dec. 2.	*OSBORN, ASHBY FREDERICK ..	{ W.S.Branch, P.W.D., Sydney, N.S.W.
1910 Apr. 19.	*OSLER, RICHARD HUTTON ..	{ 19 Sandon Road, Edgbaston, Birmingham.
1911 Dec. 5.	{ *OSMAN, WILLIAM SAMUEL } THOMAS READ	{ Engr.'s Office, Ewden Valley Works, Bolsterston, Sheffield.
1909 Mar. 2.	*OSMOND, HAROLD	{ Patent Office, Dept. of Agriculture, Ottawa, Canada.
1887 Dec. 6.	*OSMOND, WILLIAM	{ 8 Wetherby Gardens, Kensington, S.W.
1908 Dec. 1.	*OSTLER, GEORGE ARTHUR ..	{ Motihari, Chumparun, India.
1907 Apr. 9.	O'SULLIVAN, IGNATIUS	{ Comtly Surveyor, Court House, Tullamore, Ireland.
1911 Dec. 5.	*OSWALD, JOHN, B.Sc. (<i>Edin.</i>)	{ Departamento de Via y Obras, F. C. del Sud, Guanahani 322, Buenos Aires.
1887 Dec. 6.	OTAGAWA, MASAYUKI	{ Ashio Copper Mines, Shimotsuke, Japan [<i>via</i> Siberia].
1905 Apr. 11.	*OTWAY, JAMES HASTINGS ..	{ State Rys. Administration, Cairo, Egypt. [shire.]
1898 Apr. 5.	OUTRAM, FRANCIS DAVIDSON ..	{ Lyss-na-greyne, Aboyne, Aberdeen.
1885 Dec. 1.	*OVERTON, FRANK	{ 4 Oakwood Avenue, Beckenham.
1875 Apr. 6.	*OWEN, JOHN ARTHUR	{ 69 Louisville Road, Balham, S.W.
1905 Dec. 5.	OWEN, JOSEPH	{ Asst. City Engr., Fort William, Ontario.
1912 Dec. 3.	*OWEN, OSWALD	{ 1 Highbury Villas, Harton, South Shields.
† 1902 Apr. 8.	{ OWENS, JOHN SWITZER, } M.D. (<i>Dubl.</i>)	{ 47 Victoria Street, Westminster, S.W.
1874 May 12.	OWER, CHARLES	{ Benora, Broughty Ferry.
1904 Dec. 6.	OWSTON, WILLIAM HENRY ..	{ John Russell & Co., Ltd., Alma Tube Works, Walsall.
1903 Mar. 3.	*PADDAY, ARTHUR CAMPBELL ..	{ c.o. H.S. King & Co, 9 Pall Mall, S.W.
1887 Apr. 5.	*PAGE, EDWARD HENRY	{ Andrews Buildings, Queen Street, Cardiff.
1912 Jan. 9.	*PAGE, LIONEL	{ Olifants River Irrigation Works, Bulshoek, Dist. Clanwilliam, C.P., S. Africa.
1894 Jan. 9.	*PAGE, SYDNEY ELLIOTT	{ 27 Chancery Lane, W.C.
1906 Dec. 4.	PAIGE, FREDERICK JAMES ..	{ 18 The Avenue, Bedford Park, W.
1912 Dec. 3.	*PAIN, CLAUDE	{ A. C. Pain, 17 Victoria Street, S.W.
1913 Apr. 22.	PAKEMAN, JOHN ORFE	{ 56 Margaret Grove, Harborne, Birmingham.
1911 Dec. 5.	*PALETHORPE, GEORGE WILLIAM	{ 30 Gladstone Street, Hull.
1886 Dec. 7.	PALLANT, THOMAS	{ Junior Constitutional Club, Piccadilly, W.

Date of Election.		ASSOCIATE MEMBERS.	
1910 Apr. 5.	{	{PALMER, ALFRED GEORGE}	
		{BENJAMIN}	
1907 Dec. 3.	{	{PALMER, ARTHUR,	c.o. Engr., Ways & Works, F.M.S.
		{B.A.I. (DUBL.)}	Rys., Kuala Lumpur, F.M.S.
1902 Feb. 4.		PALMER, ARTHUR CECIL HUNTER	c.o. Chief Engr. for Rys., Brisbane, Queensland.
1912 Apr. 2.		PALMER, CHARLES REGINALD	
1902 Apr. 8.	{	{PALMER, FREDERICK CHARLES}	Secretary's Office, G.P.O. North, E.C.
		{RICHARD}	
1886 Jan. 12.	*	PALMER, THOMAS CASSINET ..	{W.J. Fraser & Co., Ltd., Dagenham, Essex.
1906 Apr. 3.	{	{PALMER, WILLIAM LOWELL}	Corporation Depot, Stoke View, Fishponds, Bristol.
		{FRANCIS}	
1911 Dec. 5.	{	{PANTON, ARTHUR WILLIAM,	A. & J. Main & Co., Clydesdale Ironworks, Possilpark, Glasgow.
		{M.A., B.A.I. (DUBL.)}	
1895 Dec. 3.		PARDOE, JOSEPH CHARLES ..	Kirklands, Barry, Cardiff.
1887 May 24.		PARK, CHARLES ARCHIBALD ..	Elmhurst, Carew Road, Eastbourne.
1914 Feb. 3.	*	PARKER, CECIL JOSEPH	{P.W.D., Kuantan, Pahang, Federated Malay States.
1898 Dec. 6.		PARKER, CHARLES HERBERT ..	Arrah, India.
1914 Mar. 3.	{	{*PARKER, CHARLES ROWLEY,	Rio de Janeiro City Improvements Co., Ltd., Caixa 403, Rio de Janeiro.
		{B.Sc. (Engineering) (Lond.)}	
1906 Feb. 6.	*	PARKER, GEOFFREY	Irrigation Service, Beni-Suef, Egypt.
1887 Mar. 1.		PARKER, JOHN	City Surveyor, Hereford.
1886 Dec. 7.		PARKER, JOHN EDWARD	{Post Office Chambers, St. Nicholas Square, Newcastle-on-Tyne.
1896 Dec. 1.		PARKER, SYDNEY HYDE	Insein, Burma.
m B 1910 Dec. 6.	*	*PARKER, THOMAS WINT WELLS	38 Portland Place, Hamilton, N.B.
1904 Dec. 6.	{	{*PARKER, WILLIAM ALEX-	217 West George Street, Glasgow.
		{ANDER}	
1888 Feb. 7.	{	{*PARKHOUSE, ALFRED WILLIAM	Arthur's Seat, White Hill, near Caterham, Surrey.
		{LONG}	
1891 Mar. 3.		PARKIN, FREDERIC WILLIAM ..	{15 Imperial Road, Edgerton, Huddersfield.
m † 1889 May 7.	*	*PARKIN, JOHN HENRY	{Birkenhead Waterworks, Cerrig-y-Druidion, Corwen.
1910 Dec. 6.	*	*PARKINSON, JAMES	{Rosebank, Alexandra Place, Hkley, Yorks.
1906 Dec. 4.		PARLRY, VALENTINE	139 Church Lane, Charlton, S.E.
1892 Dec. 6.		PARLETT, GODFREY BERNARD	{Callender's Cable & Construction Co., Cambridge Street, Birmingham.
1894 Dec. 4.		PARR, FRANCIS	Town Hall, Bridgwater, Somerset.
1911 Feb. 7.		PARR, JOHN, B.Sc. (New Zealand)	Northam, Western Australia.
1906 Dec. 4.		PARR, JOSEPH ERNEST	{City Engr.'s Dept., Council House, Birmingham.
1910 Jan. 11.		PARKOTT, HORACE BAILEY ..	{British Oxygen Co., Ltd., Elverton Street, Westminster, S.W.
1906 Dec. 4.		PARRY, EDWARD HUBERT ..	{G.W.Ry., Engr.'s Office, Paddington, W.
1910 Dec. 6.		PARRY, EVAN, B.Sc. (Glas.) ..	P.W.D., Wellington, New Zealand.
1908 Apr. 14.	{	{*PARRY, FRANCIS ALEXANDER,	Midland Railway Carriage & Wagon Co., Ltd., Washwood Heath, Birmingham.
		{B.A. (Cantab.)}	
1892 Apr. 5.	*	*PARRY, RICHARD	82 Victoria Street, S.W.
1909 Apr. 6.	{	{PARSONS, ARTHUR DAVID}	198 Osborne Road, Jesmond, Newcastle-on-Tyne.
		{CLEBE, B.A. (Cantab.)}	
1910 Jan. 11.		PARSONS, ARTHUR STANLEY ..	{1 Hillaries Road, Gravelly Hill, Erdington, Birmingham.
1900 Apr. 3.	{	{*PARSONS, The Hon. GEOFFREY	Heaton Works, Newcastle-on-Tyne.
		{LAWRENCE, B.A. (Oxon.)}	
1888 Jan. 10.		PARSONS, HERBERT JOSIAH ..	Grindlay & Co., Calcutta.

Date of Election.	ASSOCIATE MEMBERS.	
1912 Jan. 9.	{ PARSONS, REGINALD SCOTT } VICTOR	Asst. General Manager's Office, South African Rys., Cape Town.
1911 Jan. 13.	{ *PARSONS, RICHARD EDWARD, } B.A. (<i>Cantab.</i>)	24 Queen's Road, Hertford.
1904 Apr. 12.	PARSONS, ROBERT HODSON ..	{ City Power Plant, Edmonton, Alta., Canada.
1885 Dec. 1.	PARTINGTON, THOMAS	{ Town Hall, Chapel-en-le-Frith, <i>via</i> Stockport.
1892 Feb. 2.	PASSOS, ALEXANDRE PORTELLA	52 Victoria, Bahia, Brazil.
1897 Apr. 6.	PATCH, ALFRED	75 Salford Rd., Streatham Hill, S.W.
1911 Jan. 10.	{ *PATERSON, ALEXANDER } McCULLOCH	The Croft, Pannal, nr. Leeds.
1905 Jan. 10.	*PATERSON, CLIFFORD COPLAND	{ National Physical Laboratory, Teddington, Middlesex.
1910 Feb. 1.	PATERSON, DONALD	{ Coode, Son & Matthews, Tanjong Pagar Dock Works, Singapore, S.S.
1913 Apr. 22.	PATERSON, GILBERT	{ Engr.'s Office, B.B. & C.I. Ry., Bombay, India.
1909 Apr. 6.	{ PATERSON, JOHN JAMES } CROSBIE	Loco. Dept., B.B. & C.I. Ry., Bom- bay, India.
1912 Mar. 5.	{ PATERSON, JOSEPH BARR, } B.Sc. (<i>Glas.</i>)	2 Blackness Crescent, Dundee.
1893 Jan. 10.	PATERSON, MATTHEW	{ Westfield, King's Drive, Heaton Moor, Stockport.
1892 Jan. 12.	PATERSON, WALTER SAUNDERS	27 St. Stephen's Road, Ealing, W.
1911 Feb. 7.	{ PATON, ALFRED MAURICE, } B.A. (<i>Cantab.</i>)	Marton, Yorkshire.
1867 Dec. 3.	PATTERSON, EDWARD CHARLES	103 Church Rd., Upper Norwood, S.E.
1909 Feb. 2.	*PATTERSON, FRANCIS TUCKER	Irrigation Dept., Pretoria, S. Africa.
1886 Dec. 1.	PATTERSON, HERBERT CECIL ..	Jessop & Co., Calcutta.
1908 Dec. 1.	*PATTERSON, JOHN HAGGIE ..	18 The Crescent, Gateshead-on-Tyne.
1885 Dec. 1.	PATTINSON, JOHN SHIELD ..	Fawcett, Preston & Co., Liverpool.
1875 Feb. 2.	PATTISON, FREDERICK	{ 130 Hamlet Gardens, Ravenscourt Park, W.
1885 May 5.	PATRICK, CHARLES BEAUFOY	{ c.o. Inspector of Mines, New Law Courts, Johannesburg.
1906 Jan. 9.	{ *PAUL, ARTHUR EDWARD, } B.A. (<i>Cantab.</i>)	
1911 Mar. 7.	*PAUL, HERBERT JOHN	{ Asst. Engr., Ribble Navigation, Preston.
1889 Dec. 3.	*PAWLEY, FRANCIS ADOLPHUS ..	{ South Indian Ry., Trichinopoly, S. India.
1910 Dec. 6.	*PAWLEY, FRANK LURCOTT ..	Quarry Bank, Hessle, E. Yorks.
1892 Dec. 6.	*PAXON, HAROLD CHARLES ..	Kelanban, S.S.
1904 Dec. 6.	*PAXTON, CHARLES HENRY ..	Springfield, Great Bookham, Surrey.
1897 Apr. 6.	PAYNE, EDMOND WILLIAM ..	{ M. T. Shaw & Co., Ltd., West Ferry Road, Millwall, E. (Constructive Ironworks, London. East 53.)
1912 Dec. 3.	*PAYNE, PERCY ISAAC	{ 1 Stanley Villas, Artillery Road, Guildford.
1894 Dec. 4.	PAYNE, PERCY MARRIOTT ..	{ Holmesdale, The Park, Nottingham. (Holmesdale, Nottingham, 1359.)
1904 Apr. 12.	{ *PEACE, THOMAS ARTHUR, } M.Sc. (<i>Victoria</i>)	8 Clifton Hill, Bristol.
1902 Dec. 2.	{ *PEACH, CHARLES EDMOND } CLEAVER, B.A. (<i>Cantab.</i>) ..	Egyptian State Rys., Boulac, Cairo.
1914 Feb. 3.	*PEACH, LEONARD WILLIAM ..	{ 4 Lawn Terrace, Rowley Park, Stafford.
1913 Jan. 14.	PEACOCK, JESSE BUTLER ..	{ Egyptian Delta Light Railways, Ltd., Zagazig, Egypt.
1910 Jan. 11.	*PEAL, EDWARD RAYMOND ..	{ Escher Wyss & Co., 109 Victoria Street, S.W.

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ASSOCIATE MEMBERS.

1902 Apr. 22.	*PEARCE, EDWARD NATHANIEL	{ 35 Lyndhurst Road, Thornton Heath.
1911 Dec. 5.	*PEARCE, EDWARD OSCAR	{ 25 Victoria Street, S.W.
1906 Apr. 10.	*PEARCE, NATHANIEL	{ Aughton, Ormskirk.
1908 Dec. 1.	PEARCE, WILLIAM HENRY	{ Town Hall, Swanage.
1895 Dec. 3.	PEARSE, ALEXANDER FRANCIS	{ P.W.D., Perth, W. Australia.
1910 Dec. 6.	*PEARSE, JOHN WILLIAM	{ Waterworks Co., Ltd., Monte Video, Uruguay.
1901 Apr. 23.	*PEARSON, GEOFFREY HOPE	{ Alfred House, Ashford, Kent.
1913 Apr. 22.	PEARSON, GEORGE PARKER	{ Borough Surveyor's Office, Marlborough, Wilts.
1893 Feb. 7.	PEARSON, JAMES MONTGOMERIE	{ 51 John Finnie St., Kilmarnock, N.B.
1904 Apr. 12.	*PEARSON, KENNETH RAMSAY ..	{ Sanctuary House, Tothill Street, Westminster, S.W.
1909 Apr. 6.	{ PEARSON, RICHARD FRANCIS MALACHY	{
1904 Jan. 12.	{ *PEARSON, ROBERT JOHN ADDISON	{ Vickers, Sons & Maxim, Erith.
1907 Apr. 23.	*PEAT, JAMES BARCLAY	{ Head, Wrightson & Co., Ltd., Teesdale Ironworks, Thornaby-on-Thames.
1911 Dec. 5.	PECK, GEORGE EDGAR	{ 11 Thames Street, Kingston-on-Thames.
1912 Dec. 3.	{ *PECK, JOHN NORMAN, B.A. (<i>Contab.</i>)	{ 3 Rawlinson Road, Southport.
1876 Mar. 7.	PEEL, WILLIAM	{ Knowlmere Manor, Clitheroe.
1890 Dec. 2.	*PEGG, HENRY VILLIERS	{ The Drift, Parsonage Road, Heaton Moor, Stockport.
+ 1896 May 19.	PEIRCE, ARTHUR	{ Municipal Office, Calcutta, India.
1878 Mar. 5.	*PEÑA, URBANO JOSÉ DE LA	{ Lagasca 19, Madrid.
1904 Dec. 6.	{ *PENNELL, REGINALD HUM- PHREY LEE	{ Main Drainage Dept., Public Works Ministry, Cairo, Egypt.
1887 Jan. 11.	*PENNY, ARTHUR ROBERT	{ Oficina Via y Obras, F. C. del Sud, Buenos Aires. [N.W.]
1880 Dec. 7.	*PENNY, SEPTIMUS	{ 3 Winchester Road, S. Hampstead.
1913 Mar. 11.	*PEPPER, ALWYN TAYTON	{ 24 Woodside, Wimbledon, S.W.
1910 Jan. 11.	*PEPPER, THOMAS OSWALD	{ Railway Office, Gibraltar.
1910 Jan. 11.	{ *PETERCORN, GEOFFREY ARTHUR	{ S. Pearson & Son, Royal Albert Dock Extension (South), N. Woolwich.
1911 Apr. 21.	*PERCIVAL, BARWISE	{ Wyndham Crescent, Tufnell Park, N.
1910 Apr. 5.	PERCY, HARRY LEONARD	{ Colombo Electric Tramways & Lighting Co., Colombo, Ceylon.
1908 Jan. 14.	*PERCY, NORMAN CROOK	{ Boulderstone House, Hest Bank, Lancaster.
1907 Apr. 9.	PERKINS, GEORGE STEPHEN	{ 21 King Edward's Road, Ware, Herts.
1885 Jan. 13.	*PERKINS, HUGH FREDERICK ..	{ Greystone, Bangor, N. Wales.
1892 Dec. 6.	PERKINS, JOHN EDWARD SHARMAN	{ Hill Morton, The Park, Peterborough.
1898 Apr. 5.	PERKINS, THOMAS LUFF	{ P.W.D., Hong Kong [<i>via</i> Siberia].
1906 Apr. 3.	PERKINS, WILLIAM JOHN	{ 26 Victoria Street, S.W.
1913 Apr. 22.	{ *PERRIN, EUSTACE SAVAGE, B.Sc. (Engineering) (<i>Lond.</i>)	{ 81 Mount Ararat Road, Richmond, S.W.
1889 Feb. 5.	*PERROT, SAMUEL DE	{ Neuchâtel, Switzerland.
1895 Feb. 5.	{ *PERROTT, WILLIAM GEORGE, B.E. (<i>Royal</i>)	{ Gracefield House, Blackrock, co. Dublin.
1889 Dec. 3.	PERRY, ARNOLD HENRY	{ Col. Otley Perry, Roxwell, Northwood, Middx.
1881 Feb. 1.	{ PERRY, Professor JOHN, M.E. (<i>Queen's</i>), D.Sc. (<i>Royal</i>), LL.D. (<i>Glas.</i>), F.R.S.	{ 14A Campden Hill Court, W.
+ 1886 Dec. 7.	PERRY, THOMAS HOLMES	{ Edmond Hall, Newport, Salop.

Date of Election.		ASSOCIATE MEMBERS.	
✠	1895 Dec. 3.	PERRY, GERRARD HATFIELD	28 Victoria St., Westminster, S.W.
✠	1901 Jan. 8.	{*PETAVEL, Professor JOSEPH ER- NEST, D.Sc. (Manchester), F.R.S.}	Whitworth Engineering Laboratory, The University, Manchester.
	1900 Apr. 3.	*PETERS, NEIL JAMES	Waterworks Office, Cardiff.
	1910 Mar. 1.	*PETERS, REGINALD	{District Engr.'s Office, N.E. Ry., Darlington.
	1905 Jan. 10.	*PETHICK, GEORGE HAROLD ..	{9 Board of Trade Building, P.O. Box 1570, Victoria, B.C.
	1913 Dec. 2.	*PEYCKE, VERNER CARL	Box 247, Port Elizabeth, S. Africa.
	1905 Dec. 5.	PEYRECAVE, GASTON RENE DE	
	1908 Dec. 1.	*PEYRECAVE, LOUIS FRANÇOIS DE	2 Evelyn Street, Depford, S.E.
	1886 Apr. 6.	{*PHELPS, HENRY VIVIAN MAJENDIE}	c.o. B. T. Batsford, 94 High Holborn, W.C.
	1903 Apr. 7.	{*PHELPS, GEORGE INGRAM DE BRISAC, M.A. (Cantab.) ..}	General Phelps, 23 Augustus Road, Edgbaston, Birmingham.
	1888 Dec. 4.	PHILIP, WILLIAM MARSHALL ..	58 Adelaide Road, Brockley, S.E.
	1904 Jan. 12.	PHILLIPS, GEORGE ALFRED ..	County Hall, Cardiff.
	1894 Dec. 4.	PHILLIPS, JOHN	Apartado 88, Mexico City.
	1896 Dec. 1.	PHILLIPS, ROBERT	9 Belgrave Road, Gloucester.
	1895 Feb. 5.	PHILLIPS, ROBERT EDWARD ..	70 Chancery Lane, W.C.
	1897 Feb. 2.	PHILLIPS, WILLIAM LLEWELYN	{2 Glew Street, Essendon, Melbourne, Australia.
	1913 Dec. 2.	{PHILPOT, HAROLD PERCY, B.Sc. (Engineering) (Lond.)}	University College, Gower Street, W.C.
	1909 Dec. 7.	{*PHILPOT-BROOKES, CHARLES HASTINGS HUGH}	King, King & Co., Bombay.
	1905 Dec. 5.	{*PHILPOT-BROOKES, WILLIAM ROBERT}	85 Muzbanabad Road, Andheri, B. B. & C. I. Ry., India.
	1903 Apr. 7.	PHIPPS, FREDERICK REGINALD	Boro' Surveyor, Basingstoke.
	1891 Jan. 13.	PICKARD, ALFRED BARNES ..	{Rylstone, Streatham Common South, S.W.
	1898 Jan. 11.	PICKERING, WILLIAM TODD ..	47 Adelaide Road, Hampstead, N.W.
	1906 Dec. 4.	*PICKLES, FRANK ATKINSON ..	Hatton, Burton-on-Trent.
	1911 Apr. 4.	PICKNER, JOHN RICHARD ..	{City Engr.'s Office, The Council House, Birmingham.
	1896 Feb. 4.	*PIERCE, HUGH, B.A. (Cantab.)	{Bletchingly, Gilbert Road, Bromley, Kent.
	1913 Mar. 11.	*PIKE, EDMUND HERBERT ..	{The Waterworks, Batchworth Rickmansworth.
	1913 Mar. 11.	{*PILDITCH, ERIC, B.Sc. (Engineering) (Lond.)}	F. C. de Buenos Aires al Pacifico, Calle Florida 783, Buenos Aires.
	1913 Feb. 4.	*PILE, WALTER DEVEREUX ..	237 Willesden Lane, N.W.
	1894 Apr. 3.	PILKINGTON, ARTHUR	{c.o. H. S. King & Co., 65 Cornhill, E.C.
	1883 Feb. 6.	*PILKINGTON, OLIVER STAINTON	Tanycaestol, Deganwy, N. Wales.
	1902 Dec. 2.	PILLING, ARTHUR WILLIAM ..	{39 Prudential Assurance Buildings, Leeds.
	1904 Jan. 12.	PILLING, HERBERT WYATT ..	
	1907 Dec. 3.	PIMM, ARTHUR WATSON	36 Corporation Street, Stafford.
✠	1911 Apr. 4.	*PIMM, GOWER BOUYERIE RAYNOR	3 Hill Crest, Maunamoad, Plymouth.
	1905 Dec. 5.	{PINKNEY, FREDERICK GEORGE AUGUSTUS}	Office of Director of Rys., Atbara, Sudan.
	1896 Feb. 4.	*PINCOMBE, WILLIAM EDWIN ..	{c.o. Chief Engr., East Indian Ry., Post Box 225, Calcutta.
	1880 Mar. 2.	*PINE, ARTHUR CHILLEY	{c.o. Sir C. MacGrigor & Co., 25 Charles Street, St. James's Square, S.W.
	1912 Feb. 6.	PINEL, FRANK HERBERT ..	Malakand, N.W.F.P., India.
	1911 Mar. 7.	{*PINK, HAROLD WILLIAM, B.Sc. (Engineering) (Lond.)}	Lavalle 472, Buenos Aires.
	1900 Dec. 4.	{PINKERTON, EDMUND SUFFERN, B.E., B.A. (Royal)}	Town Hall, Belfast.

Date of
Election.

ASSOCIATE MEMBERS.

1906 Dec.	4.	{ *PINSON, ALBERT ONSLOW } WHEELER DAY	Main Drainage Dept., P.W.D., Cairo.
1910 Dec.	6.	{ *PIPE, THOMAS SYLVANUS, } B.Sc. (<i>B'ham.</i>)	King, King & Co., P.O. Box 110, Bombay.
1910 Dec.	6.	PIRIE, ALEXANDER HENBERT ..	17 Rectory Gardens, Hornsey, N.
1913 Jan.	14.	*PIRIE, WILLIAM HAROLD ..	Petters, Ltd., Yeovil, Somerset.
1900 Dec.	4.	*PITCAIRN, FRANCIS BERNARD	{ Waterworks, Shanghai, China [<i>via</i> Siberia].
1906 Dec.	4.	{ *PITT, PHILIP SEPTIMUS, } M.A. (<i>Cambr.</i>)	132 Dora Road, Wimbledon Park, S.W.
1911 Apr.	4.	*PITT, WILLIAM GORDON ..	109 Humber Avenue, Coventry.
1897 Feb.	2.	*PITTAR, GEORGE FRANCIS ..	{ Glencroft, Belvedere Avenue, Wimbledon, Surrey.
1908 Apr.	7.	PLANT, DAVID THOMAS ..	{ Easton Gibb & Son, Ltd., H.M. Dockyard, Rosyth, N.B.
1904 Dec.	6.	PLANT, WILLIAM	Borough Hall, Stafford.
1906 Dec.	4.	*PLANTE, STANLEY GEDGE ..	53 Compton Road, Wimbledon, S.W.
m † 1889 Dec.	3.	*PLATT, JOHN	{ 97 Cedar Street, New York, U.S. (Ternceza, New York.)
1909 Dec.	7.	{ *PLATT, WILFRED, } M.Sc. (<i>Victoria</i>)	City Surveyor's Office, Town Hall, Manchester.
1892 Jan.	12.	PLATTS, HENRY CHARLES ..	{ Hazelwood, Venner Road, Syden- ham, S.E.
R 1913 Dec.	2.	*PLATTS, MATTHEW GEORGE ..	Coimbatore, S. India.
1895 Jan.	8.	PLATTS, THEODORE SERGIUS ..	{ Philosophshaya 46, Ekaterinoslav, S. Russia.
1910 Apr.	5.	PLEDGER, ERNEST LANCELOT ..	Stocks, Borcham, Chelmsford.
1905 Dec.	5.	{ PLOMER, PERCIVAL FREEMAN } PIGOTT	P.W.D., Raipur, C.P., India.
1912 Apr.	2.	PLUMMER, GEORGE	Council Offices, Hayward's Heath.
1913 Dec.	2.	*PLUNKETT, JOHN OLIVER ..	{ Leopoldina Ry. Co., Caixa 291, Rio de Janeiro.
1910 Dec.	6.	{ *POLLARD, ARMELL RICHARD, } B.A. (<i>Cambr.</i>)	Chanda, C.P., India.
1913 Apr.	22.	POLLARD, HERBERT EDWARD	{ P.W.D., Municipal Council, Shang- hai, China.
1891 Dec.	1.	POLLITT, ROBERT BARNABAS ..	{ J. Manning Prentice, Solicitor, Stowmarket.
1913 Mar.	11.	*POLLOCK, CHARLES ALBERT ..	{ Roberts and Saurez, Calle Belgrano 721-729, Buenos Aires.
1896 May	19.	*POLLOCK, JAMES	{ J. Pollock, Sons & Co., 3 Lloyd's Avenue, E.C.
1904 Jan.	12.	*POLLOK, JOHN	Portland Park, Hamilton, Scotland.
1911 Apr.	21.	{ PONSONBY, WILLIAM GORDON, } B.E. (<i>New Zealand</i>)	Nizam's Guaranteed State Rys., Secunderabad, Deccan, India.
1882 Dec.	5.	PONT, GEORGE VICTOR	{ La Carnassine, Cotte, Hérault, France.
1913 Dec.	2.	*POOL, HAROLD	32 Vipe Street, Stoke-on-Trent.
1892 May	3.	POOLE, EDWARD COOPER ..	10 Portland Street, Southampton.
1913 Dec.	2.	POOLE, GERARD EVELYN ..	The Old House, Foot's Cray, Kent.
† 1891 Dec.	4.	*POOLE, WILLIAM, B.E. (<i>Sydney</i>)	{ Julius & Poole, Culwalla Chambers, Castlereagh Street, Sydney, N.S.W.
1892 Dec.	5.	*POOLEY, HUBERT	Gas Offices, Leicester.
1907 Jan.	8.	*POPE, ARTHUR	Hatfield, The Grove, Slough, Bucks.
1881 May	31.	*POPE, FRANCIS JOHN	17 Holland Road, Kensington, W.
1892 Dec.	6.	*POPE, THOMAS, JUN.	{ 90 South Hill Park, Hampstead, N.W.
1889 Dec.	3.	POPKISS, EDWARD PETER ..	{ South African Rys., Winterton, Natal.
W t † 1897 Mar.	2.	{ POPPLEWELL, WILLIAM CHARLES, } M.Sc. (<i>Victoria</i>)	60 Parsonage Road, Withington, Manchester.

Date of Election.		ASSOCIATE MEMBERS.	
1889 Feb.	5.	*PORTEOUS, GEORGE WILLIAM ..	Casa Colon, Huelva, Spain.
1908 Apr.	7.	*PORTEOUS, NORMAN	34 Castle Street, Edinburgh.
1906 Dec.	4.	{ PORTER, ADOLPHUS REGINALD } ZOUCH, B.A. (<i>Cantab.</i>) .. }	Key Eng. Co., Ltd., 4 Queen Victoria Street, E.C.
1910 Apr.	5.	PORTER, ERNEST WILLIAM ..	The Court, Alvaston, Derby.
1899 Apr.	11.	PORTER, EUSTACE WILLIAM ..	Caledonian Canal, Inverness.
1902 Apr.	8.	PORTER, GEOFFREY	Electricity Works, Worthing.
1890 Dec.	2.	*PORTER, JAMES ROBERTSON ..	{ New River Office, Rosebery Avenue, E.C.
1900 Jan.	9.	{ PORTER, RALPH CLASSON, } M.Sc. (<i>Victoria</i>) }	{ Crosby, Norman Road, Northfield near Birmingham. [S.W.]
1896 Dec.	1.	*PORTSMOUTH, JOHN	12 Little College St., Westminster
1908 Mar.	3.	{ POSNETT, ARTHUR TREVOR } GEORGE, B.A., B.A.I. (<i>Dubl.</i>) }	Divl. Engr.'s Office, L. & N.W. Ry. Edge Hill Station, Liverpool.
m 1913 Dec.	2.	*POTTS, ALFRED BERTRAND ..	P.W.D., Taiping, Perak, F.M.S.
1914 Jan.	13.	*POTTS, EDMUND	{ Borough Engr.'s Office, Town Hall, Rotherham.
1910 Dec.	6.	POTTS, JOHN ALEXANDER ..	21 Upper Gray Street, Edinburgh.
1910 Apr.	19.	{ POUQUET, JOSEPH ARTHUR } EDOUARD DESBARRIÈRES .. }	Superintendent of Public Works, St. Kitts, West Indies.
1897 Feb.	2.	{ *POULDEN, GEORGE EDWARD } LUTHER }	Rio Tinto Co., Ltd., Huelva, Spain.
1912 Dec.	3.	{ *POUND, WILLIAM GEORGE } WILLOUGHBY, B.A. (<i>Cantab.</i>) }	Kil 1215, Cipolletti, F.C.S., Argentina.
1881 May	3.	POWELL, EDWARD	Pendennis, Whitechurch, Cardiff.
1909 Apr.	20.	{ POWELL, EDWARD DARLEY, } B.A.I. (<i>Dublin</i>) }	Sybilton, Rosmead Place, Colombo, Ceylon.
1885 Dec.	1.	POWELL, HENRY BOLLAND ..	{ Hillsdon, Springfield Road, Parkstone, Dorset.
1895 Dec.	3.	POWELL, ROBERT ALBERT ..	P.W.D., Colombo, Ceylon.
1900 Dec.	4.	POWELL, SIDNEY JOHN	{ H. R. Powell, South Lawn, Bickley Kent.
✠ 1880 Dec.	7.	{ POWLES, HENRY HANDLEY } PRIDHAM }	90 Oakley Street, Chelsea, S.W
✠ 1894 Dec.	4.	*POWNALL, JOHN	{ Lynton, Watery Lane, Merton Park, Surrey.
1909 Feb.	2.	{ *POYNTING, ARTHUR, } M.Sc. (<i>Birmingham</i>) }	{ Port of London Authority, Chief Engr.'s Office, 109 Leadenhall Street, E.C.
1904 Dec.	6.	{ POYNTON, LANCELOT ED- } WARD }	C. H. Walker & Co., Ltd., Obras do Porto, Buenos Aires.
1893 Dec.	5.	PRADO, LEOPOLDO DE ABREU ..	{ Rua Guanabara 38, Larangeiras, Rio de Janeiro.
✠ 1911 Feb.	7.	{ *PRATLEY, PHILIP LOUIS, } M.Eng. (<i>Liverpool</i>) }	{ Dominion Bridge Co., Ltd., Lachine Locks, Montreal.
1908 Dec.	1.	*PRATT, FRANCIS GERALD ..	Temperley, Hucclecote, Gloucester.
1864 Mar.	1.	PREEBLE, CHARLES TREW ..	{ Sir John Jackson, Ltd., Obras del dique, Arsenal de Ferrol, Spain.
1903 Apr.	7.	*PRECHOUS, ROBERT	{ Babcock & Wilcox, Ltd., Oriel House, Farrington Street, E.C.
✠ 1908 Apr.	7.	PREECE, FRANK HUGH	{ Engineer's Office, G.N. Ry., King's Cross, N.
1902 Apr.	8.	PREECE, WILLIAM WALTON ..	
t ✠ 1876 Dec.	5.	{ PRELLER, CHARLES SHEIBNER } DURICHE, M.A., Ph.D. (<i>Leipzig</i>) }	61 Melville Street, Edinburgh.
✠ 1885 Apr.	14.	*PRENTICE, ERNEST SAMUEL ..	{ Ganges Harbour, Salt Spring Island, B.C.
1887 Dec.	6.	*PRENTICE, THOMAS THEOPHILUS	Casilla de Correo 1036, Lima, Peru.
1911 Apr.	4.	PRENTICE, WILLIAM FRANCIS	{ 13 Dartmouth Street, Westminster, S.W.
1897 Apr.	6.	PREST, WILLIAM	Bank Street Chambers, Bradford.
1882 Feb.	7.	*PRESTIGE, SYDNEY	Bernersmede, Blackheath Park, S.E.
1906 Dec.	4.	*PRESTON, FRANK MATTHEW ..	City Engineer's Office, Victoria, B.C.

Date of
Election.

ASSOCIATE MEMBERS.

	1897 Mar. 2.	*PRESTON, FREDERICK KENNERLEY	79 Netheredge Road, Sheffield.
	1897 Dec. 7.	PRETTY, WILLIAM HENRY ..	{ Sup. Engr.'s Office, Trent Canal, Peterborough, Canada.
	1898 Dec. 6.	PRICE, ALAN, B.A. (<i>Dubl.</i>) ..	{ 10 Winnie Street, Neutral Bay, Sydney, N.S.W.
	1912 Apr. 2.	PRICE, ALFRED JOHN	{ Borough Engr.'s Dept., Town Hall, Eccles.
	1893 Feb. 7.	*PRICE, ARTHUR BOYD	{ Marsland, Price & Co., Nesbit Road, Bombay.
	1910 Mar. 1.	PRICE, BERNARD	{ 507-511 Consolidated Building, Johannesburg, Transvaal.
	1897 Apr. 6.	*PRICE, JAMES HENRY	Caxton House, Westminster, S.W.
	1886 Apr. 6.	PRICE, JOHN	{ Bureau des Services Sanitaires, Cairo.
	1887 Jan. 11.	{ PRICE, WILLIAM ARTHUR, M.A. (<i>Oxon.</i>)	
	1891 Feb. 3.	PRICE, WILLIAM EDWARD ..	Gas Works, Hampton Wick.
	1909 Dec. 7.	*PRICE, WILLIAM JAMES ..	P.W.D., Colombo, Ceylon.
	1910 Feb. 1.	{ *PRIESTLEY, ADAM, M.Sc. (<i>Victoria</i>)	{ 19 Parsonage Road, Withington, Manchester.
	1891 Mar. 3.	*PRIGGO, HENRY VICTOR ..	{ South Devon Chambers, Millbay Station, Plymouth.
	1880 Jan. 13.	PRIMROSE, ADAM	Caixa 403, Rio de Janeiro.
	1908 Dec. 1.	{ *PRIMROSE, CLIVE MACFAR- LANE, B.Sc. (<i>Glas.</i>)	{ Departamento de Via y Obras, F.C. del Sud, Guanahani 322, Buenos Aires.
	1906 Dec. 4.	PRIMROSE, FRANCIS ARCHIBALD	{ c.o. Chief Engr., G.I.P. Ry., Bombay.
	1888 Dec. 4.	*PRINSEP, REGINALD SEYMOUR	Junior Carlton Club, Pall Mall, S.W.
	1912 Dec. 3.	PRITCHARD, GEORGE HERBERT	District Engr., P.W.D., Ceylon.
U m +	1898 Dec. 6.	*PRITCHARD, PHILIP MORRIS ..	United Alkali Co., Widnes.
	1903 Apr. 7.	{ PRIVETT, JASPER BENJAMIN JOSEPH	{ 36 Hulse Avenue, New Barking, Essex.
	1913 Feb. 4.	{ *PROCTER, HERBERT, B.Sc. (<i>Leeds</i>)	{ 5 Murray Road, Rugby.
+ 1889 Dec. 3.		*PROCTER, HERBERT TATHAM ..	32 Market Square, Lancaster.
	1896 Feb. 4.	PROCTOR-SIMS, ERNEST WILLIAM	P.W.D., Bhavnagar, Kathiawar, India.
	1898 Feb. 1.	*PROES, ERNEST MARINUS ..	P.W. Secretariat, Bombay.
	1902 Apr. 8.	PROPHET, JOHN DOWNSIE ..	
	1879 Feb. 4.	*PROUSE, OSWALD MILTON ..	Alvington, Slade Road, Ilfracombe.
	1896 Dec. 1.	PROUT, WILLIAM MORRIS ..	{ Pankop, Pienaar's River, <i>via</i> Pre- toria, Transvaal.
	1908 Feb. 4.	{ *PROWDE, OSWALD LONGSTAFF, B.A. (<i>Cantab.</i>)	{ 2nd Circle, Irrigation Service, Cairo.
	1886 May 18.	PUCKERING, ROBERT COMINS ..	Britannia Ironworks, Gainsborough.
	1912 Apr. 2.	PUDSEY, FAWCETT	{ The Hall, Sutton-on-Hull, East Yorks.
	1893 May 2.	{ PUIG DE LA BELLACASA Y SAN- CHEZ, NARCISO	{ Serrano 30, Madrid.
m +	1892 Jan. 12.	{ *PULLEN, WILLIAM WADE FITZ- HERBERT	{ Stirling House, Heaton Moor Road, Heaton Moor, Stockport.
	1881 Dec. 2.	PULLON, JOSEPH THOMAS ..	{ Rowangarth, North Park Road, Roundhay, Leeds.
	1907 Feb. 5.	{ PUNCH, JOHN PHILIP, B.E. (<i>Royal</i>)	{ Court House, Carlow.
+ 1883 May 29.		*PUNCHARD, WILLIAM CHARLES	151 Cannon Street, E.C.
t +	1880 May 4.	{ PURCELL, GERVAISE, B.A. (<i>Dubl.</i>)	{ 221 Douglas Building, Los Angeles, California, U.S.A. (ster.)
	1905 Apr. 4.	PURCELL, JAMES EDWARD ..	Castle Ash, Blakedown, Kiddermin-
	1905 Dec. 5.	{ *PURCELL, PIERCE FRANCIS, M.A., M.A.I. (<i>Dubl.</i>)	{ University College, Earlsfort Ter- race, Dublin.
+ 1911 Dec. 5.		*PURCHAS, ARTHUR WILLIAM	Oilfields, Fresno Co., California.

Date of Election.	ASSOCIATE MEMBERS.	
1914 Apr. 7.	{*PURNELL - EDWARDS, JOHN PURNELL, B.A. (<i>Oxon.</i>) .. }	14A Belmont Park, Blackheath, S.E.
1899 Jan. 10.	*PURSER, WALTER BISHOP ..	53A High Street, Grantham.
1912 Apr. 2.	PURVES, GEORGE THOMSON ..	Auchenqueich Colliery, Chryston, N.B.
1904 Apr. 12.	PURVES, THOMAS JOLLY ..	L. & N.W. Ry., Engr.'s Office, Crewe.
1910 Dec. 6.	PURVIS, JOHN GEORGE STOKOE	341 Pitt Street, Sydney, N.S.W.
1893 May 2.	{*PUTMAN, WILLIAM ERNEST YOUNG }	Sunnyside, Scalby, Scarborough.
1901 Feb. 5.	{PYBUS, WILLIAM HENRY LAWSON }	Railway Offices, Bloemfontein, South Africa.
1893 Mar. 7.	*PYKE, LAZARUS	10 Westbourne Terr., Hyde Park, W.
1902 Jan. 14.	*PYNE, ALBERT PERIAM	{Oriel House, Windsor Terrace, Whitley Bay, Northumberland.
1885 Dec. 1.	*PYNE, HERBERT BARRINGTON	{Northbrook House, nr. Farnham, Surrey.
1912 Dec. 3.	QUARTANOS, CHARLES	{Elswick Ordnance Works, Newcastle- on-Tyne.
1910 Jan. 11.	{QUERTIER, REGINALD LAW- RENCE, B.Sc. (Engineering) (<i>Lond.</i>) }	Queen Anne's Chambers, West- minster, S.W.
1904 Apr. 12.	QUICK, ALBERT HEDLEY ..	{Inverness, Malvern Road, Thornton Heath.
1914 Jan. 13.	*QUINTON, WILLIAM GEORGE ..	Cox and Co., Bombay, India.
1895 Dec. 3.	QUODLING, WILLIAM JAMES ..	Leeton, New South Wales.
1891 Dec. 1.	RABADINA, DORABJEE BHIKHAJEE	{Rabady Lodge, Rustompura, Surat, India.
1913 Dec. 2.	{*RACKER, FREDERICK CHARLES LESLIE }	52 Derbyshire Lane, Stretford, Manchester.
1887 Dec. 6.	RADCLIFF, EDWARD	Newtown, Kilcock, co. Kildare.
1896 Mar. 3.	RADCLYFFE, LESLIE	35 Queen Victoria Street, E.C.
1897 Apr. 6.	{RADDIN, GEORGE HENRY, B.E. (<i>Royal</i>) }	Waterworks Office, Town Hall, Bolton.
1909 Feb. 2.	*RADFORD, ALAN BRUCE	Water Engineer's Office, Liverpool.
1889 Jan. 8.	RADFORD, JOHN CHARLES ..	{223 Upper Richmond Road, Putney, S.W.
1884 Feb. 5.	RADFORD, WILLIAM HENRY ..	{Albion Chambers, King Street, Nottingham.
1910 Dec. 6.	{*RADICE, WILLIAM ARCHIBALD, B.A. (<i>Contab.</i>) }	12 Dalhousie Square, Calcutta.
1879 Mar. 4.	RADLEY, JOHN ALFRED	G.E. Ry., Thorpe, Norwich.
1898 Dec. 6.	RAFF, ALEXANDER CUMMING	{Railway Dept., Brisbane, Queens- land.
1910 Mar. 1.	*RAINE, HUBERT	{The Hanburies, Bishop's Frome, Worcester. [Glasgow.
1904 Dec. 6.	RAMSAY, JOHN	369 Springburn Road, Springburn,
1903 Jan. 13.	*RAMSEY, ALBERT NORMAN ..	{Contractor's Office, Fishguard Har- bour Works, Goodwick, Pem.
1892 Dec. 6.	{*RAMUS, BERTRAM EDWARD DE NOVAL, B.A. (<i>Contab.</i>) .. }	Bixley Lodge, Beckley, Sussex.
1909 Jan. 12.	RANDALL, MARK	Estates Office, Salisbury, Rhodesia.
1894 Feb. 6.	*RANKEN, ARTHUR WILLIAM ..	Culverwood, Cross-in-Hand, Sussex.
1907 Jan. 8.	RANKEN, ROBERT SIMOND ..	Hunter's Hill, Sydney, N.S.W.
1906 Apr. 3.	{RANKIN, JAMES ALEXANDER, B.A., B.A.I. (<i>Dubl.</i>) }	Port of London Authority, Victoria Embankment, E.C.

Date of Election.		ASSOCIATE MEMBERS.	
	1874 Apr. 14.	RANKINE, DAVID	238 West George Street, Glasgow.
	1890 Feb. 4.	{ *RANSOM, PETER AUGUSTUS, } B.A. (Cantab.)	56 Cannon Street, E.C.
✠	1905 Apr. 4.	RANSOM, WILLIAM	81 Bath Road, Worcester.
	1896 Feb. 4.	RANSOME, FREDERICK STANLEY	{ Schill Seebahn & Co., Bridgewater House, Whitworth Street, Man- chester.
	1892 Dec. 6.	RAO, KEKOBAD HORMASJEE ..	8 Dhobitalao, Bombay.
	1892 Dec. 6.	*RAPER, JOHN CHARLES DODGSON	{ District Loco. Supt., G.I.P. Ry., Lo- nanlu, Bombay Presidency, India.
	1888 Mar. 6.	*RAPLEY, FREDERICK HARVEY..	500 Caxton House, Westminster, S.W.
	1914 Apr. 7.	RAPPOPORT, FREDERICK GERALD	Pinner's Hall, Austin Friars, E.C.
	1908 Dec. 1.	*RASHLEIGH, WILLIAM STUART	{ East Indian Ry. Co., Houghly Kutwa Ry., Calcutta.
	1892 Dec. 6.	RATANJI, MANACKJI	Port Trust, Bombay.
	1911 Apr. 4.	*RATCLIFFE, ROBERT	Council Offices, Padilham.
Bm	1906 Jan. 9.	{ *RATTENBURY, OSCAR BRANCH, } B.Sc. (Engineering) (Lond.)	H.M. Dockyard, Rosyth, N.B.
	1910 Apr. 5.	RATTRAY, HERBERT WILLIAM	{ 148 Hicks Street, Brooklyn, N.Y., U.S.A.
	1913 Apr. 22.	RAVEN, WILLIAM HENRY ..	5 Smith Street, Chelsea, S.W.
	1910 Dec. 6.	{ *RAVENHILL, DOUGLAS WALTER } JULIUS	Bahraich P.O., Oudh, India.
t ✠	1890 May 20.	RAVENSHAW, HENRY WILLOCK	{ Rutland House, Hanwell, W. (Eal- ing P.O. 735.)
	1886 Dec. 7.	{ *RAVES, BERTRAM ADAMS, } Major, Staff for R.E. Services	Dun Cynric, St. Mark's Road, Salis- bury.
	1895 Apr. 2.	{ *RAVES, BRIAN ALBERT, Cap- } tain, Staff for R.E. Services	Collingwood, South Canterbury Road, Canterbury.
	1885 Dec. 1.	*RAWSON, FREDERICK LAWRENCE	90 Regent Street, W.
	1912 Dec. 3.	{ RAWSTHORNE, HERBERT CROM- } TON	Town Hall, Bolton.
✠	1902 Jan. 14.	{ *RAYNER, EDWIN HARTREE, } M.A. (Cantab.)	Tiviot Dale, Gloucester Road, Teddington.
	1891 Dec. 1.	*RAYNER, FRANK	{ 1 Alexandra Road, Sherwood Rise, Nottingham.
	1910 Dec. 6.	{ *REA, JOHN WILLIAM HERBERT, } B.A. (Cantab.)	Deposito de Locomotoras, Trenque- Lauquen, F.C.O., Buenos Aires.
	1908 Dec. 1.	REA, THOMAS STANLEY	24 Claremont Place, Newcastle-on- Tyne.
	1904 Jan. 12.	READ, FRANK	Council Offices, Hengoed, Glam.
	1884 Dec. 2.	*READ, HARRY VAUGHAN RUDSTON	{ Craig's Court, Charing Cross, S.W. (Valorem, London. City 4562.)
m	1881 Feb. 1.	READ, RICHARD	City Surveyor, Gloucester.
m	1878 May 7.	*READ, RICHARD JOHN GIFFORD	31 Broadway, Westminster, S.W.
m	1882 Feb. 7.	*READ, ROBERT HENRY	{ Cadogan Ironworks, Lot's Road, Chelsen, S.W.
	1891 Feb. 3.	READE, JAMES FRANCIS	28 Barronstrand Street, Waterford.
	1913 Apr. 22.	{ READMAN, JAMES FORREST } ALEXANDER, B.A. (Cantab.)	9 Moray Place, Edinburgh.
	1908 Dec. 1.	REAY, JAMES HERBERT	42 Townshend Street, Hertford.
	1914 Apr. 7.	REDDING, FREDERICK CHAPMAN	Tregoma, Linwood Road, Bourne- mouth.
	1907 Dec. 3.	REDDING, RICHARD JAMES ..	Royal Lab'y. Dept., Woolwich Arsenal.
	1910 Apr. 5.	REDMAN, FRANK JAMES	{ Victoria Falls and Transvaal Power Co., 507-517 Consolidated Build- ing, Johannesburg.
	1904 Dec. 6.	REED, JOHN BEYNON ARTHUR	P.W.D., Sydney, N.S.W.
t ✠	1906 Apr. 3.	REED, STANLEY JOHN	304 Bath Street, Glasgow.
	1911 Apr. 7.	{ *REES, GEORGE MARLIN THE- } MARNE, B.A. (Cantab.) ..	{ Sir George Whitehouse, Sao Paulo Ry. Co., Alto da Serra, Sao Paulo, Brazil.

Date of Election.	ASSOCIATE MEMBERS.		
1906 Apr. 3.	REEVE, WALTER .. ..	..	{ Imperial College of Science and Technology, Exhibition Road, S.W.
1903 Jan. 13.	*REEVES, RICHARD EAGLE ..	..	{ 42 Gnaensedyke Avenue, East Sheen, S.W.
1892 Dec. 6.	REID, ANDREW .. ..	..	{ R. McAlpine & Sons, Clydebank N.B.
1904 Jan. 12.	*REID, HAROLD .. ..	..	{ Res. Engr.'s Office, G.W. Ry., Moor Street Station, Birmingham.
1894 Dec. 4.	REID, JOHN HENRY ONSLOW ..	..	{ Miss Reid, St. Croix, Holly Walk, Leamington Spa.
1878 May 28.	{ REINCKE, HANS RODERICH LEOPOLD	{	{ 2 Laurence Pountney Hill, E.C. (Bank 530.)
† 1893 May 16.	*REINHOLD, GUSTAVE CHARLES		{ 26 Kidbrook Park Road, Blackheath, S.E.
† 1907 Jan. 8.	REMFRY, DOUGLAS HENRY ..	..	{ Chakardharpur, Bengal-Nagpur Ry., India.
1905 Dec. 5.	{ *RENDELL, ELIAS DE LA ROCHE, B.Sc. (Lond.)	{	{ Whinside, Whalley Road, Accrington, Lancs.
1903 Apr. 7.	*RENFREE, THOMAS ROLLS ..	..	{ 20 Byron Road, Ealing, W.
1913 Apr. 22.	*RENNIE, JOHN ALEXANDER ..	..	{ 7 Clutha Place, Uddingston, Scotland.
1906 Dec. 4.	RENNIE, JOHN DOUGLAS ..	..	{ Taltal Railway, Taltal, Chile.
1908 Apr. 7.	{ RENTON, CLAUDE LUCIEN WILLIAM	{	{ Grove Villas, Queen Parade, Harrogate.
1882 Mar. 7.	RENWICK, CHARLES .. ..	..	{ 18A St. Quintin Avenue, North Kensington, W.
1908 Apr. 7.	RENWICK, JAMES .. ..	..	{ 11 Eastfield, Joppa, Midlothian.
1913 Feb. 4.	*REVELL, JOHN WALTER .. ..	..	{ 7 Galtrim Road, Bray, co. Wicklow.
1893 May 2.	REYLL, WILLIAM HENRY ..	..	{ F. C. de Taltal, Taltal, Chile.
1906 Dec. 4.	*REYNOLDS, ALAN .. ..	..	{ e.o. Engr.-in-Chief, South African Rys., Johannesburg.
1907 Mar. 5.	*REYNOLDS, BERTIE .. ..	..	{ 50 Cornerswell Road, Penarth, Glam.
1913 Apr. 22.	{ *REYNOLDS, CHARLES HAROLD, M.A. (Cantab.)	{	{ Rugby House, Lennox Road, Southsea.
1899 Dec. 5.	REYNOLDS, CHARLES HUBERT ..	..	{ P.W.D., Nairobi, B.E. Africa.
1894 May 1.	REYNOLDS, ERNEST JOHN ..	..	{ 3 Clarendon Villas, Beaconsfield Road, New Southgate.
1912 Dec. 3.	REYNOLDS, FRANK OSWALD ..	..	{ Asiatic Petroleum Co., Ltd., 7 Kiukiang Road, Shanghai, China.
m 1894 Dec. 4.	*REYNOLDS, FRANK PAUL ..	..	{ Bureau of Engineering, Manila, Philippines.
1912 Jan. 9.	*REYNOLDS, GEORGE .. ..	..	{ e.o. 2 Chapel Rd., West Ealing, W.
1901 Mar. 5.	REYNOLDS, JOHN JAMES ..	..	{ Parr's Bank Buildings, York Street, Manchester.
1908 Dec. 1.	*REYNOLDS, LEETHEN .. ..	..	{ Oficina del Ingeniero Constructor, Maza, F.C.P., Argentina.
1890 Jan. 14.	*REYNOLDS, LESLIE HUNTER ..	..	{ Wellington Terrace, Wellington, N.Z.
1886 Jan. 12.	*REYNOLDS, THOMAS BLAIR ..	..	{ 10 Tor Gardens, Campden Hill, W.
1913 Feb. 4.	{ *REYNOLDS, WALTER DEVESON, B.Sc. (Engineering) (Lond.)	{	{ Forest Lodge, Oak Hill, Woodford Green, Essex.
R 1913 Jan. 14.	*RHODES, GEORGE HUART ..	..	{ P.W.D., Allahabad, U.P., India.
1904 Dec. 6.	*RHODES, SAMUEL COLEY ..	..	{ Gordon College, Khartum.
1913 Feb. 4.	{ *RICARDO, HARRY RALPH, B.A. (Cantab.)	{	{ 13 Dartmouth Street, Westminster, S.W.
1913 Apr. 22.	*RICE, EUSTACE MEREDITH ..	..	{ Engr.-in-Chief's Office, Itarsi-Nagpur Ry. Construction, Budnoor, C.P., India.
1909 Dec. 7.	*RICE-OXLEY, MONTAGUE KEITH		{ School of Engineering, Ghizeh, Cairo, Egypt.
1907 Apr. 23.	{ *RICHARDS, BERTRAM DARELL, B.Sc. (Engineering) (Lond.)	{	{ Tata Hydro-Electric Works, Lonawla, India.

Date of
Election.

ASSOCIATE MEMBERS.

1907 Dec. 3.	RICHARDS, CARL PRICE	{ Board of Highway Commissioners, Regina, Saskatchewan, Canada.
1910 Dec. 6.	{ RICHARDS, CHARLES SYDNEY, B.Sc. Tech. (<i>Manchester</i>) .. }	{ 38 Monton Street, Moss Side, Man- chester.
1913 Dec. 2.	{ RICHARDS, CHARLES VINCENT, B.Sc. (Engineering) (<i>Lond.</i>) }	{ City Surveyor's Office, Town Hall, Manchester.
1878 Apr. 2.	RICHARDS, EDWIN MELVILLE ..	Boro' Engineer, Warwick.
1913 Mar. 11.	{ *RICHARDS, EDWIN VERNEY, B.Sc. (Engineering) (<i>Lond.</i>) }	{ Tata Hydro-Electric Power Supply Co., Ltd., Engr.'s Office, Lonawla, India.
1905 Apr. 4.	RICHARDS, GEORGE HAMILTON	Taiping, Perak, F.M.S.
1893 May 16.	*RICHARDS, HENRY FINES ..	{ Penmaenmawr & Welsh Granite Co., Ltd., Penmaenmawr, Carnar- vonshire.
1907 Dec. 3.	{ *RICHARDSON, ALEXANDER, B.Sc. (<i>Edin.</i>) }	{ R. McAlpine & Sons, Cusfley to Hert- ford Ry., Bayford, nr. Hertford.
1911 Dec. 5.	{ *RICHARDSON, ALEXANDER ARMITAGE }	{ Asst. Engr., I.S.R., Railway Board, Simla, India.
1893 Apr. 11.	RICHARDSON, CECIL	{ Thistledeane, Kimbolton Avenue, Bedford.
1910 Apr. 5.	*RICHARDSON, FRANCIS AYMER	Union Club, Victoria, B.C.
1890 Feb. 4.	*RICHARDSON, HARRY	Council House, Handsworth, Staffs.
1897 Jan. 12.	RICHARDSON, HARRY ALFRED	8 Albert Road, Bolton-le-Moors.
1904 Apr. 12.	{ *RICHARDSON, HERBERT LINDS- LEY, B.A. (<i>Cambr.</i>) }	Richardson and Cruddas, Bombay.
1913 Dec. 2.	{ *RICHARDSON, JAMES, B.Sc. (Engineering) (<i>Lond.</i>) .. }	23 Brisbane Street, Greenock.
1910 Apr. 5.	{ *RICHARDSON, JOHN STOCKS, M.Sc. (<i>Leeds</i>) }	
1897 Apr. 6.	{ RICHARDSON, JOHN WILLIAM MELLING }	{ Waterworks, 52 Balls Road, Bir- kenhead.
1913 Jan. 14.	{ RICHARDSON, JOSEPH RICHARD, M.C.E. (<i>Melbourne</i>) }	Town Hall, Adelaide, South Aus- tralia.
R 1911 Apr. 4.	*RICHARDSON, THOMAS CHARLES	Caixa 403, Rio de Janeiro, Brazil.
1893 May 16.	RICHARDSON, WILLIAM ARTHUR	{ Glen Heather, Dryburgh Road, Pat- ney, S.W.
1908 Dec. 1.	RICHMOND, WILFRID STANLEY	Municipal Offices, Highgate, N.
1909 Jan. 12.	{ *RICKIE, JAMES HETBURN, B.Eng. (<i>Liverpool</i>) }	{ c.o. Agent, Burma Rys. Co., Ltd., Rangoon, Burma.
1900 Mar. 6.	*RICKMAN, JAMES, M.A. (<i>Cambr.</i>)	Nairobi, British East Africa.
1914 Mar. 3.	{ *RIDDEL, JOHN ORMOND, B.Sc. (<i>Edin.</i>) }	University Club, Montreal, Canada.
1911 Dec. 5.	{ *RIDGWAY, ISAAC ALTHORP, M.Sc. (<i>Manchester</i>) }	Wildersmoor, Lymm, Cheshire.
1912 Jan. 9.	*RIDGWAY, LEOPOLD PENROSE.	{ Tientsin - Pukow Ry., Nanking, China [<i>via</i> Siberia].
1909 Dec. 7.	RIDGWAY, ROWLAND ALFRED	P.W.D., Durban, Natal.
1913 Apr. 22.	RIDLER, WALTER	{ Surveyor's Office, Station Street, Tewkesbury.
1897 Jan. 12.	RIDLEY, CLARENCE OLIVER ..	8 Great George Street, S.W.
1914 Apr. 7.	*RIDLEY, WILLIAM OWEN ..	{ Glendale, Swinderby Road, Wembley, N.W.
1900 Dec. 4.	RIGBY, ARTHUR BERTRAM ..	Haresfield, Northwood, Middlesex.
+ 1904 Jan. 12.	*RIGG, FREDERICK JAMES ..	8 Riverside Road, Norwich.
1908 Dec. 1.	{ *RIMMER, EDWARD JOHNSON, M.Eng. (<i>Liverpool</i>) }	Lynton House, Hightown, Liverpool.
1908 Jan. 14.	{ *RIMMER, WILLIAM BOLTON, M.Sc. (<i>Victoria</i>), B.Eng. (<i>Liverpool</i>) }	{ Bucknill & Russel, Room 18, 445 Granville Street, Vancouver, B.C.
1902 Mar. 4.	{ *RISHWORTH, FRANK SHARMAN, B.A., B.E. (<i>Royal</i>) }	University College, Galway.

Date of Election.		ASSOCIATE MEMBERS.	
1913 Dec. 2.	2.	{ *RITCHIE, GEORGE THWAITES, B.Sc. (Birmingham) }	Irrigation Dept., Cape Town.
1909 Dec. 7.	7.	*RITCHIE, HARRY CLEMENT	{ Trussed Concrete Steel Co., Ltd., Royal Liver Building, Liverpool
1885 Apr. 14.	14.	RITSON, THOMAS NOBLE	Glendene, The Avenue, Summersdale, Chichester.
1900 Dec. 4.	4.	RIVERS, CHARLES EDWIN	Municipal Offices, Harrogate.
1890 Feb. 4.	4.	*ROACH, WILLIAM LLOYD	District Council, Tredegar, Mon.
1906 Dec. 4.	4.	ROBARTS, HENRY ERNEST	{ Dist. Engr.'s Office, S.E. & C. Ry., New Cross, S.E.
1906 Dec. 4.	4.	{ *ROBARTS, HERBERT PRIESTLEY, B.Sc. (Edin.) }	Oficina Curicó, Pampa Central, Antofagasta, Chili.
1912 Dec. 3.	3.	{ *ROBB, DOUGLAS GEORGE, M.A. (Aberdeen), B.Sc. (Edin.) }	Sinai Mining Co., Ltd., Abu-Zenima, nr. Suez, Egypt.
1890 Mar. 4.	4.	*ROBERTS, CHARLES, F.C.H.	{ Nacoochee Hills Gold Mining Co., Robertstown, Ga., U.S.A.
1904 Dec. 6.	6.	ROBERTS, CHARLES HAROLD	Engineer's Office, Met. Ry., Neasden.
1913 Dec. 2.	2.	ROBERTS, EDWARD FLETCHER	37 Plashet Lane, Upton Park, E.
1911 Dec. 5.	5.	{ ROBERTS, FRANCIS JOSEPH, M.Sc. (Manchester) }	The Mount, Church Stretton, Salop.
1898 Apr. 5.	5.	ROBERTS, FRANK	Boro' and Water Engineer, Worthing.
1911 Dec. 5.	5.	{ *ROBERTS, FRANK WILLIAM CRAMER }	Irrigation Dept., P.W.D., Mausura, Egypt.
1911 Dec. 5.	5.	*ROBERTS, HORACE DIGBY	Highlands, Streatham Common, S.W.
1897 Feb. 2.	2.	ROBERTS, JOHN	28 Fisher Street, Swansea.
1892 Dec. 6.	6.	{ *ROBERTS, JOHN MARRIS, B.A.I. (Dubl.) }	Farnmore, Bellevue Park, Cork.
1907 Feb. 5.	5.	{ *ROBERTS, WILLIAM DUNCAN LUND }	4th Circle Irrigation, Beni Souef, Egypt.
1893 Dec. 5.	5.	*ROBERTSON, ALEXANDER GORDON	29 Samos Road, Anerley, S.E.
1908 Apr. 7.	7.	ROBERTSON, ALEXANDER SMITH	Gateside, Linlithgow.
1907 Dec. 3.	3.	{ ROBERTSON, ALLAN NELSON MCINNES, B.A., B.E. (Royal) }	Grindlay, Groom & Co., Bombay.
✠ 1899 Dec. 5.	5.	ROBERTSON, ANDREW ROBERT	{ 9 Redlands Road, Kelvinside, Glas- gow.
1907 Dec. 3.	3.	ROBERTSON, DAVID CAMERON	12 Garlies Road, Forest Hill, S.E.
1912 Dec. 3.	3.	{ *ROBERTSON, GEORGE STRAF- FORD, B.A., B.A.I. (Dubl.) }	E.I. Ry., 105 Clive Street, Calcutta.
1891 May 12.	12.	{ *ROBERTSON, GEORGE THOMPSON, B.Sc. (Edin.) }	Earncliff, Crieff, Perthshire.
1896 May 5.	5.	{ ROBERTSON, HORACE PATRICK, M.C.E. (Melb.) }	Bisichi Tin Co., Ltd., Naraguta, N. Nigeria.
1907 Dec. 3.	3.	{ *ROBERTSON, HUGH BROWN GLYN }	4 Park Circus, Glasgow.
1913 Apr. 22.	22.	ROBERTSON, IAN DONALD	Craignell, Jordanhill, Glasgow.
1904 Dec. 6.	6.	ROBERTSON, JOHN, B.A.I. (Dubl.)	E.I. Ry., Calcutta.
It ✠ 1904 Apr. 19.	19.	ROBERTSON, JOHN KERR	Grindlay, Groom & Co., Bombay.
1894 Feb. 6.	6.	*ROBINS, FREDERICK SANDERSON	6 Bridge Street, Boston, Lincs.
1890 Mar. 4.	4.	{ ROBINSON, ARTHUR SAMUEL FRANCIS }	The White House, Barsham, Beccles.
1911 Dec. 5.	5.	{ *ROBINSON, CHARLES INGLE, B.Sc. (Engineering) (Lond.) }	Mines Office, Kampar, Perak, F.M.S.
1892 Dec. 6.	6.	ROBINSON, ERNEST GEORGE	{ Quinta La Barranca, Calle Riva- davia, Quilmes, Argentina.
1909 Dec. 7.	7.	*ROBINSON, FRANK HERBERT	Gas Works, Harrogate.
1907 Dec. 3.	3.	*ROBINSON, FREDERICK EATON	{ Royal Small Arms Factory, Enfield Lock.
1909 Apr. 6.	6.	*ROBINSON, FREDERICK STANLEY	Iona, Reddings Lane, Hall Green, Birmingham.
1913 Apr. 22.	22.	ROBINSON, HENRY	21 Sherburn Terrace, Consett.
1904 Apr. 12.	12.	ROBINSON, HERBERT	J. Robinson, Low Moor, Bradford.
1910 Feb. 1.	1.	*ROBINSON, HUMPHREY INGRAM	Betsoms Bank, Westerham, Kent.

Date of
Election.

ASSOCIATE MEMBERS.

B m J	1905 Feb. 7.	*ROBINSON, ISAAC VINCENT ..	{ Richardsons, Westgarth & Co., Ltd., Hartlepool.
	1887 Feb. 1.	ROBINSON, JAMES	{ P.W.D., Bhagulpore, Bengal.
	1895 Feb. 5.	*ROBINSON, JOSEPH PETER ..	{ 8 Trafalgar Rd., Birkdale, Southport.
	1895 Dec. 3.	*ROBINSON, KEITH	{ Parliament Mansions, Victoria St., S.W.
	1896 Dec. 1.	ROBINSON, LEIGH	{ Tyn-y-Coed, Middleton, Norfolk.
m	1913 Dec. 2.	*ROBINSON, LEONARD MOULD ..	{ 12 Addison Villas, Addison Street, Nottingham.
	1905 Dec. 5.	*ROBINSON, PERCY JOHN ..	{ District Offices, Hamilton, N.B.
	1904 Jan. 12.	*ROBINSON, RALPH	{ Cassingray, Stanford-le-Hope, Essex.
	1908 Mar. 3.	*ROBINSON, REGINALD BRAHAM	{ South Indian Ry., Madras, S. India.
	1883 Dec. 4.	*ROBINSON, RICHARD SYER ..	{ Easton Gibb & Son, Ltd., H.M. Dockyard, Rosyth, N.B.
	1905 Dec. 5.	ROBINSON, ROBERT	{ Fairview, Warren Road, Bexley Heath.
	1882 May 2.	ROBINSON, WILLIAM FLETCHER	{ Ty Newydd, Dinerth Road, Colwyn Bay.
	1902 Dec. 2.	*ROBINSON, WILLIAM HUBERT ..	{ Skiddaw Grove, Keswick, Cumber- land.
	1911 Apr. 4.	ROBINSON, WILLIAM JAMES ..	{ Office of Government Engineer, St. John's, Newfoundland.
	1906 Mar. 6.	*ROBINSON, WILLIAM PERCIVAL	{ County Surveyor, Exeter.
	1913 Dec. 2.	{ *ROBSON, CHARLES GEORGE GORDON	{ 17 Birch Road, Gravesend.
	1914 Jan. 13.	ROBSON, SELBY TRAVERS ..	{ 1 Queen's Gardens, Lancaster Gate, W.
	1904 Apr. 12.	*ROBSON, THOMAS	{ Chief Mech. Engr.'s Office, N.E. Ry., Gateshead.
	1896 Feb. 4.	ROBSON, THOMAS PEARSON ..	{ 8 Union Court, Old Broad Street, E.C.
	1910 Dec. 6.	ROCHE, WILLIAM B.E. (<i>Royal</i>)	{ Grindlay & Co., Bombay.
	1905 Dec. 5.	{ *ROCHER, CHARLES GUILLAUME CORNEILLE	{ P.O. Box 11, Waterval Boven, Transvaal.
	1888 Dec. 4.	ROCHFORD, JAMES	{ Napier, N.Z.
	1897 Dec. 7.	RODDA, JOSEPH TONKIN ..	{ Woodbank, Grove Road, Eastbourne.
	1914 Apr. 7.	*RODGER, JOHN MARSHALL ..	{ 11 Nelson Street, W., Greenock.
t	1907 Dec. 3.	{ *RODWELL, ERNEST GRAVENOR, F.C.H.	{ 109 Chesterton Road, Cambridge.
	1901 Dec. 3.	*RODWELL, FREDERICK JOHN ..	{ 39 Prudential Buildings, Leeds.
	1914 Jan. 13.	*RODWELL, JOHN ARTHUR ..	{ Engr.'s Dept., Waterworks Office, Belfast.
	1900 Dec. 4.	{ ROE, RICHARD DARTNELL TENNANT	{ Quinta Roe, Taena, Chili.
	1911 Dec. 5.	{ ROEBUCK, CHARLES CHARLES- WORTH VARNON	{ Brunhilde, St. Anne's Road, Coven- try.
	1905 Dec. 5.	ROGERS, ARTHUR	{ P.W.D., Jasin, Malacca, S.S.
	1900 Dec. 4.	{ *ROGERS, ARTHUR EDWARD, B.A. (<i>Oxon.</i>)	{ Oaklands, Clonmel.
	1895 Jan. 8.	*ROGERS, GEORGE SAMUEL WYON	{ Rural Municipality of Assiniboia, Kirkfield Park P.O., St. Charles Man., Canada.
	1904 Dec. 6.	ROGERS, JAMES SHAW	{ Pukow-Hsingyongchow Ry., Wu I, An Hwei, China.
	1891 Dec. 1.	ROGERS, OLIVER HERBERT ..	{ Engr.-in-Chief's Office, Adelaide, S. Australia.
t	1888 Dec. 4.	{ ROGERS, RALPH BARON, M.A. (<i>Oxon.</i>)	{ Hexworthy, Launceston, Cornwall.
	1902 Apr. 8.	ROGERSON, ALBERT CHORLEY ..	{ Stanstead, Bramhall Lane, Stock- port.
	1891 Feb. 3.	{ *ROGERSON, JOHN EDWIN, B.A. (<i>Cantab.</i>)	{ Croxdale Hall, Durham.

Date of Election.	ASSOCIATE MEMBERS.	
1902 Jan. 14.	{ ROGET, SAMUEL ROMILLY, M.A. (<i>Cambr.</i>) }	13 Phillimore Gardens, W.
1890 Apr. 1.	RÖHE, CHRISTIAN HEINRICH ..	{ Arens & Cia., Caixa 1001, Rio de Janeiro.
1911 Mar. 7.	{ ROMANES, GEORGE, Jun., B.Sc. (<i>Edin.</i>) }	City Engr.'s Office, Calgary, Alta., Canada.
1907 Feb. 5.	*RONALD, LIONEL RODGER ..	{ Oficina Tecnica, Talleres, F.C.P., Junin, Buenos Aires.
1899 Mar. 7.	ROOKE, THOMAS	13 Victoria Street, S.W.
1906 Apr. 3.	{ *ROOTHAM, HOWARD MELVILLE, B.Sc. (<i>Bristol</i>) }	Craven House, Kingsway, W.O.
1900 Jan. 9.	*ROOTS, NEVILLE	{ Inspecting Engr., P.W.D., Kingston, Jamaica.
1888 Jan. 10.	*ROSE, GEORGE PRINGLE, C.I.E.	{ c.o. H. S. King & Co., Pall Mall, S.W.
m	{ *ROSE, GEORGE WRIGHT NOR- TON, B.Sc. (Engineering) (<i>Lond.</i>) }	Asst. Engr., Oudh and Rohilkhand Ry., Lucknow, U.P., India.
1911 Apr. 4.	ROSE, HAROLD GREENWELL ..	{ D. Balfour & Son, 3 St. Nicholas Buildings, Newcastle-on-Tyne.
1900 Apr. 3.	ROSEBUSCH, GILBERT	{ Queen Anne's Chambers, Westminster, S.W.
1904 Jan. 12.	{ *ROSENTHAL, FREDERICK MICHAEL BARBANEL }	{ H.H. the Nizam's State Ry. Co., Secunderabad, India.
1908 Dec. 1.	ROSEVEARE, JOHN COUCH ADAMS	{ Res. Engr., Sewerage Works, White- stable.
1902 Feb. 4.	*ROSEVEARE, LESLIE	{ Borough Engr., Town Hall, South Shields.
1906 Apr. 3.	*ROSS, ALFRED PERCY	{ 36 Fellows Road, South Hampstead, N.W.
1891 Mar. 3.	{ *ROSS, COLIN JOHN, B.E., B.Sc. (<i>Edin.</i>) }	{ Manila Railway Co., Manila, Philippines.
1905 Dec. 5.	{ ROSS, GEORGE PERCY, B.C.E. (<i>Melbourne</i>) }	{ Pukow-Hsin Yang Chow Ry., Wu-I, Anhui, China.
1910 Dec. 6.	ROSS, JAMES ADAM	16 Victoria Street, S.W.
1889 Jan. 8.	ROSS, JOHN CLARK	{ City & Sewerage Engr., Town Hall, Hobart, Tasmania.
1899 Dec. 5.	{ *ROSS, JOHN KEITH, M.A., B.Sc. (<i>Edin.</i>) }	{ Railway Construction Branch, P.W.D., Sydney, N.S.W.
1890 Feb. 4.	*ROSS, PERCIVAL	{ Fairfield Mount, Buttershaw, Bradford.
1907 Jan. 8.	ROSS, THOMAS CASSELS	{ c.o. Ross & Glendining, Ltd., 119 Finsbury Pavement, E.C.
1894 Feb. 6.	ROSS, WILLIAM, B.A.I. (<i>Dubl.</i>)	66 North Wall, Dublin.
1910 Dec. 6.	{ ROTHERA, LAMBERT, B.Sc. (Engineering) (<i>Lond.</i>) }	12 Avenue Rise, Bushey, Herts.
1896 Jan. 14.	{ *ROTTER, EDWARD RICHARD ERNEST }	{ Thames House, Queen Street Place, E.C. (Bank 383.)
1910 Jan. 11.	ROUND, FRANK	25 Victoria Street, S.W.
m	{ *ROUNTHWAITE, JOHN MAW- SON, B.Sc. (<i>Durham</i>) }	{ 13 Mosley Street, Newcastle-on-Tyne.
1905 Apr. 4.	ROUSELL, ALBERT JAMES ..	Council Offices, Whitley Bay.
1890 Apr. 1.	ROUTH, WILLIAM POLE	Oakfield, Southern Hill, Reading.
1900 Feb. 6.	ROWAND, ROBERT	59 Westgate, Wakefield.
1914 Apr. 7.	*ROWBOTHAM, EDMUND HAROLD	11 Kenwood Park Road, Sheffield.
1910 Dec. 6.	{ *ROWE, HAROLD SIMEON, B.Sc. (Engineering) (<i>Lond.</i>) }	{ Davenham, Higher Bebbington Road, Lower Bebbington, Birkenhead.
1905 Apr. 4.	ROWE, JOHN BEDFORD	63 Shakespeare Road, Hanwell, W.
1911 Dec. 5.	{ ROWLAND, LEONARD, B.Sc. (Engineering) (<i>Lond.</i>) }	13 Gotha Street, Leicester,

Date of
Election.

ASSOCIATE MEMBERS.

	1907 Dec. 3.	{ ROWLANDS, HAROLD BERKELEY, B.E. (<i>Sydney</i>) }	Shire Engineer, Narrandera, N.S.W.
R	1910 Apr. 19.	* ROWLEY, HAROLD GEORGE	Kelowna, British Columbia.
	1906 Dec. 4.	{ * ROWLEY, JOHN REGINALD PHILLIPS }	Port Commissioners' Office, Calcutta.
	1893 Feb. 7.	{ ROWNEY, GEORGE ANSELM HENRY, B.E. (<i>Loyal</i>) }	Shire Engineer, Crookwell, N.S.W.
	1908 Jan. 14.	ROYDS, EDWARD ALINGTON	Irrigation Dept., P.O. Box 99, Graaff-Reinet, Cape Province, S. Africa.
	1908 Dec. 1.	ROYDS, JOHN ALINGTON	W. H. A. Robertson & Co., Ltd., Lynton Works, Bedford.
	1897 Jan. 12.	* ROYLE, FREDERICK MURRAY	Milton Chambers, Milton Street, Nottingham.
	1911 Dec. 5.	* RURIE, WILLIAM CROWHURST	City Engr.'s Dept., Council House, Birmingham.
	1901 Dec. 3.	* RUDGE, CHARLES HENRY	10 Norfolk Road, St. John's Wood, N.W.
	1907 Jan. 8.	* RUFFHEAD, ALFRED ERNEST	Corporation Gas Works, Darlington.
	1902 Dec. 2.	* RUGG, LEWIS HENRY	46 Wyatt Park Road, Streatham Hill, S.W.
	1895 Apr. 2.	* RUNDALL, WILLIAM HARRY	Charmouth, Elm Road, Sidenp, Kent.
W t †	1879 Feb. 4.	RUNEBERG, ROBERT	Bureau Vega, Liteinij pr. 57, St. Petersburg. (Runeberg, Peters- burg.)
	1895 May 21.	RUSHWORTH, JOSEPH	238 Gladstone Avenue, Noel Park, Wood Green, N.
	1907 Apr. 9.	{ RUSSELL, ROBERT GUTHRIE, B.Sc. (<i>Edin.</i>) }	Suite 44, Leigh Spencer's Building, 553 Granville Street, Vancouver, B.C.
†	1887 Apr. 5.	* RUSSELL, ARTHUR JAMES	6 Kidbrook Park Road, Blackheath, S.E.
t †	1892 Feb. 2.	RUSSELL, CHARLES NEWTON	29 Southwood Avenue, Highgate, N.
	1885 Jan. 13.	* RUSSELL, STUART ARTHUR	India Rubber, Gutta Percha, and Tel. Works Co., Silvertown, E.
	1913 Dec. 2.	{ * RUSSELL, THOMAS GUTHRIE, B.Sc. (<i>Glas.</i>) }	Engr.-in-Chief's Office, G.I.P. Ry., Bombay.
	1901 Apr. 2.	* RUSSELL, THOMAS WILLIAM	Harbour Works, St. John, N.B., Canada.
	1876 Feb. 1.	* RUSSELL, WILLIAM	Orchard House, Woodthorpe Road, Putney, S.W.
	1908 Apr. 7.	RUSSELL, WILLIAM COLIN	12 Thornton Road, East Sheen.
	1913 Feb. 4.	{ RUTTER, HUBERT, B.C.E. (<i>Melbourne</i>) }	Reservoir Construction Camp, Cabbage Tree Creek, via Ipswich, Queensland.
	1905 Apr. 4.	{ * RUTTY, GILBERT STEPHEN FORDER, B.A. (<i>Cambr.</i>) }	Dukeries Hotel, Edwinstowe, Notts.
	1910 Mar. 1.	* RYAN, MERVYN FREDERICK	L. & S.W. Ry., Locomotive Engr.'s Office, Eastleigh, Hants.
	1910 Dec. 6.	* RYAN, THOMAS FRANCIS	County Surveyor, Limerick.
	1889 Mar. 5.	{ * RYGADE, PHILIP WILLIAM, M.A., B.E. (<i>Sydney</i>) }	City Bank Chambers, 164 Pitt Street, Sydney, N.S.W.
	1897 Jan. 12.	* RYMAN, FREDERICK ROBERT	Boro' Surveyor, Stamford.
	1899 Apr. 11.	* RYVES, REGINALD ARTHUR	Mylapore, Stanley Road, West Croydon.
	1910 Apr. 5.	{ * SABINE, HAROLD WILLIAM TOWNEND CHURCHILL }	Heathville, Bank Hall Lane, Hale, Cheshire.
	1914 Apr. 7.	SAGAR, JOHN HAROLD	21 Windmill Way, Ruislip, Middlesex.

Date of Election.	ASSOCIATE MEMBERS.	
1894 Feb. 6.	*SAHNI, BHAGAT RAM	{Majitha House, Nisbet Road, Lahore, India.
1904 Jan. 12.	{*ST. JOHN-KNELLER, OLIVER ARTHUR GODFREY}	{H.M. Dockyard, Portsmouth.
1914 Apr. 7.	SAIR, ALFRED NORRIS JAMES..	{89 Badminton Grove, Ebbw Vale, Mon.
1910 Apr. 19.	*SALBERG, FRANK JAMES.. ..	{Chief Engr.'s Office, Railway Buildings, Chittagong, E. Bengal.
1914 Apr. 7.	*SALE, JOHN LEWIS	{New Capital Works, Delhi, India.
1893 Apr. 11.	SALIS, HENRY RODOLPH DE ..	{Ivy Lodge, Iver Heath, nr. Uxbridge.
1902 Apr. 8.	{*SALMON, CHARLES EMILE HERBERT}	{A. P. I. Cotterell, 17 Old Queen Street, Westminster, S.W.
1907 Feb. 5.	{*SALMON, ERNEST HINKLY, B.Sc. (Engineering) (Lond.)}	{Lonach, South Park Drive, Ilford.
1904 Apr. 12.	SALMOND, THOMAS MILLAR ..	{H.M. Dockyard, Rosyth, N.B.
1906 Jan. 9.	*SALT, ERNEST ALBERT	{Yenbrook, Selwyn Road, New Malden, Surrey.
1891 May 5.	*SALTER, ARTHUR JOSEPH ..	{Suffolk House, Laurence Pountney Hill, E.C.
1890 Jan. 14.	*SALTMARSH, LIONEL	{Saltmarsh, Howden.
1914 Jan. 13.	*SALWAY, ALEC DUDLEY.. ..	{Nascott, Newbury, Berks.
1904 Apr. 12.	*SAMUEL, RANDOLPH JOHN ..	{46 Kensington Mansions, Trebovir Road, Earl's Court, S.W.
1913 Apr. 1.	{*SAMUEL, REGINALD JOHN, B.Sc.(Engineering)(Lond.)}	{10 Methuen Park, Muswell Hill, N.
1907 Feb. 5.	{*SAMUELS, CHRISTOPHER GREENWOOD, B.A.I. (Dubl.)}	{Grindlay & Co., Calcutta, India.
1912 Dec. 3.	*SAMUEL-YATES, JOHN HENRY	{53 Ullet Road, Sefton Park, Liverpool.
1907 Feb. 5.	*SAMY, MAHMOUD	{Asst. Secretary General, Ministry of Public Works, Cairo, Egypt.
1902 Jan. 14.	*SANDBERG, CHRISTER PETER ..	{9 Bridge Street, Westminster, S.W.
1906 Apr. 10.	*SANDBERG, NILS PERCY PATRICK	{9 Bridge Street, Westminster, S.W.
1905 Apr. 4.	{*SANDBERG, OSCAR FRIDOLF ALEXANDER}	{9 Bridge Street, Westminster, S.W.
1909 Feb. 2.	*SANDEMAN, CHARLES VAUGHAN	{Asst. District Engr., P.W.D., Kumi, Mbale, Uganda.
1911 Dec. 5.	SANDERSON, HAROLD	{Borough Engr.'s Office, Town Hall, Accrington.
1909 Apr. 6.	{SANJANA, KAIKOBAD SORABJI, B.Sc. (Bombay)}	{Thos. Cook & Son, Calcutta.
1902 Feb. 4.	SANO, TOJIRO	{Water Works Bureau, Municipal Office, Kobe, Japan [via Siberia].
1902 Dec. 2.	*SARGE, ROBERT ARTHUR.. ..	{Grindlay, Groom & Co., P.O. Box 93, Bombay.
1895 Dec. 3.	*SARGENT, HARRY LIONEL ..	{132 Salisbury House, London Wall, E.C.
1885 May 19.	SARTORIS, LEONARD	{6 Ovington Gardens, S.W.
1912 Apr. 2.	*SATOW, CHARLES FRANCIS ..	{Mrs. Radcliffe Crocker, Brantridge, Bourne End, Bucks.
1914 Mar. 3.	SAUNDERS, CHARLES WALLACE	{Ross and Glendining, Ltd., 119 Finsbury Pavement, E.C.
1892 Mar. 1.	*SAUNDERS, ERNEST EDWARD..	{Improvements Co., Rio de Janeiro.
1890 Dec. 2.	{*SAUNDERS, FREDERICK WALTER THEODOR}	{Transcontinental Ry., Port Augusta, S. Australia.
1911 Jan. 10.	SAUNDERS, GEORGE MUSKETT	{South Indian Ry., Trichinopoly, S. India.
1908 Dec. 1.	*SAUNDERS, HUGH STANLEY ..	{1 Wheeler Gate, Nottingham.
1906 Dec. 4.	SAUNDERS, THEODORE RIDLEY	{Belgrave Chambers, Ventnor.
1892 Feb. 2.	SAVAGE, EDWARD BALLARD ..	{Sewerage Dept., Council House, Birmingham.
✠ 1886 Jan. 12.	SAVAGE, HUGH	{Rue Ferdinand Nicolai, Seraing, Belgium.

Date of Election.		ASSOCIATE MEMBERS.	
	1895 Dec. 3.	SAVAGE, WILLIAM	77 Beech Street, Crewe.
	1882 Feb. 7.	SAVICH, ESTEVAO	Via Faentina 133, Florence.
C ✚	1895 Dec. 3.	*SAVILLE, LEOPOLD HALLIDAY ..	Engr.'s Office, Port Trust, Bombay.
✚	1901 Apr. 23.	{ *SAVILLE, WILLIAM HENRY } BOURCHIER	Engr.'s Office, Cumberland Basin, Bristol.
	1889 Dec. 3.	*SAVOURS, WILLIAM MATHEW ..	{ Woodlands, St. Martin's Road, Caer- philly, Cardiff.
	1912 Dec. 3.	SAWDON, JOHN STANLEY ..	13 Grosvenor Place, Margate.
	1914 Apr. 7.	{ SAWTELL, HORACE DEWICK, } B.Sc. (Engineering) (Lond.)	23 Moor Oaks Road, Sheffield.
	1887 Mar. 1.	*SAXBY, JAMES	Creil, Oise, France.
	1909 Apr. 6.	{ *SAXBY - THOMAS, HUMBERT } (GEORGE)	Burma Railways, Henzada, Burma.
	1876 Feb. 1.	SAXTON, HENRY WABING ..	New Plymouth, New Zealand.
	1892 Jan. 12.	SAXTON, THOMAS RICHARD ..	43 East Bank, Stamford Hill, N.
	1911 Feb. 7.	*SAYER, SAMUEL ARTHUR ..	{ Stafford House, Lord Roberts Ave- nue, Leigh-on-Sea.
	1904 Jan. 12.	*SAYERS, REUBEN MARCHANT ..	2 Earl's Court Gardens, S.W.
	1908 Feb. 4.	{ *SCHIARENGUIVEL, ALBERT JUS- } TIN RICHARD	Kalutara, Ceylon.
	1893 Apr. 11.	SCHLOESSER, ROBERT	{ Max Gorler, Castlereagh House, Castlereagh Street, Sydney, N.S.W.
	1912 Jan. 9.	*SCHNEIDER, ERIC THEODOR ..	Shanghai-Nankin Ry., Shanghai, China.
	1890 May 6.	{ SCHNEIDER, WILLIAM MARS- } LAND FRANCIS, M.A. (Cantab.)	British Griffin Chilled Iron and Steel Co., Ltd., Barrow-in-Furness.
	1906 Mar. 6.	*SCHOEERLEIN, FRITZ	H.M. Dockyard, Rosyth, N.B.
	1891 Mar. 3.	SCHOFIELD, GEORGE ANDREW	Oakwood, Mildenhall, Suffolk.
	1912 Apr. 2.	{ SCHOFIELD, HERBERT, } B.Sc. (Lond.)	Technical Institute, Ladywell, Dover.
	1897 Mar. 2.	SCHOFIELD, WILLIAM HIGGINSON	Fairlawn Road, Lytham, Lancs.
✚	1902 Mar. 4.	SCHOLEFIELD, RUSSELL SCOTT	Wood Hill, Wistaston, Crewe.
	1887 May 3.	SCHOLES, EDWARD HORATIO ..	29 Knowsley Street, Bury.
	1886 May 4.	{ *SCHÖNBERG, ALEXANDER } CHARLES	39-41 New Broad Street, E.C. (Quayage, London.)
	1888 May 1.	SCHURR, ALBERT EBENEZER ..	{ Fry, Miers & Co., 5 Laurence Pountney Hill, E.C.
	1912 Dec. 3.	*SCHÜTTE, WILLIAM PERCY ..	{ Western Engineering Co., Medicine Hat, Alberta, Canada.
	1894 Dec. 4.	*SCHWARTZ, ALFRED	Redcliffe, Orpington, Kent.
	1893 Dec. 5.	SCHWOERER, EMILE	Cohnar, Alsace, Germany.
	1891 Apr. 7.	*SCLATER, ARTHUR WILLIAM ..	14 Sackville Street, W. (Eniteo, London, Mayfair 334.)
	1878 May 28.	SCLAVERANI, MICHELANGELO ..	{ Società Nazionale delle Officine, Savigliano, Italy.
	1880 Dec. 7.	*SCOBIE, MACKAY JOHN	{ The Woodlands, West Southbourne, Bournemouth.
t	1911 Feb. 7.	{ SCOBLE, WALTER ALFRED, } B.Sc. (Engineering) (Lond.)	3 Greenhill Road, Harlesden, N.W.
	1910 Dec. 6.	*SCOTT, ALEXANDER	{ Glenwood, Rosebank Avenue, Blan- tyre, Glasgow.
	1906 Apr. 3.	SCOTT, ARCHIBALD	Collingwood, Bexley Heath, Kent.
	1877 Dec. 4.	*SCOTT, CECIL	{ Co. Thos. Cook & Son, Ludgate Circus, E.C.
	1892 Dec. 6.	*SCOTT, CECIL GRAHAM	{ Hawley, St. Peter's Road, Parkstone, Dorset.
	1899 Apr. 11.	{ SCOTT, CHARLES WILLIAM, } B.A.I. (Dubl.)	Lansdowne, Bray, co. Wicklow.
	1882 Mar. 7.	SCOTT, DONALD ALBERT ..	1 Colville Square, Bayswater, W.
m ✚	1899 Feb. 7.	SCOTT, ERNEST KILBURN ..	Osborne House, Bodelvader, Kent.
	1913 Dec. 2.	{ SCOTT, FREDERICK WILLIAM, } M.E. (Royal)	Construction Headquarters, Hilton Road, Natal.

Date of Election.	ASSOCIATE MEMBERS.	
1911 Dec. 5.	{ *SCOTT, GEORGE EDWARD, B.Eng.(<i>L'pool</i>), B.Sc.(<i>McGill</i>)	{ Independent Lighthouse Sub-division, 25 Monkey Point Road, Danidaw, Rangoon, Burma.
1880 May 25.	{ *SCOTT, HUGH HAMILTON ..	{ Town Hall, Hove, Brighton.
✱	{ 1886 Dec. 7. SCOTT, JESSE FRENCH	{ Penrith, Honor Oak Park, S.E.
1892 Mar. 1.	{ SCOTT, ROBERT SMITH	{ Town Surveyor, Bishop's Stortford.
1912 Jan. 9.	{ *SCOUJAR, JOHN GLADSTONE, B.A. (<i>Cantab.</i>)	{ 26 King Street, Whitehaven.
1895 Dec. 3.	{ SCRATCHLEY, ARTHUR JAMES	{ Grindlay & Co., 54 Parliament Street, S.W.
1904 Jan. 12.	{ *SEAGER, JAMES ALBERT	{ 67 Belmont Road, St. Andrew's, Bristol.
m	{ 1894 Feb. 6. *SEALY-ALLIN, AURIOL	{ Youghal, co. Cork.
1895 Apr. 2.	{ SEAMAN, CHARLES JOSEPH	{ 145 Cannon Street, E.C.
1903 Apr. 7.	{ *SEARLE, BASIL JAMES	{ 29 Onslow Gardens, Muswell Hill Road, N.
1874 Mar. 3.	{ *SEARLE, JOHN COOMBE	{ 13 Warwick Rd., Ealing Common, W.
1910 Mar. 1.	{ *SEARS, JOHN EDWARD, Jun., M.A. (<i>Cantab.</i>)	{ National Physical Laboratory, Bushy House, Teddington, Middlesex.
1910 Dec. 6.	{ *SEARS, MILTON HERRERT	{ 18 Ardgowan Road, Catford, S.E.
1912 Jan. 9.	{ *SEATON, THOMAS HARDMAN ..	{ 12 Dales Avenue, Whitefield, Manchester.
1887 Dec. 6.	{ SEATON, WILLIAM SHARPEY ..	{ Montague House, Richmond, S.W. (Seaton, Richmond.)
1908 Dec. 1.	{ *SEELEY, CHARLES GAGE	{ Australian General Electric Co., Equitable Buildings, Melbourne.
1912 Apr. 2.	{ SEELS, GEORGE MINARD	{ Council Offices, New Malden.
1909 Apr. 6.	{ *SEGRAVE, JAMES HENRY	{ 42 Talbot Road, Bayswater, W.
M m ✱	{ 1889 Dec. 3. { *SEGUNDO, EDWARD CARSTEN- SEN DE	{ Dashwood House, New Broad Street, E.C. (Awesome, London. Central, 2686.)
1889 Feb. 5.	{ SENGOKU, MITSUGU	{ 21 Fujimicho, Azabu, Tokio, Japan [via Siberia].
1910 Apr. 5.	{ SENIOR, SIDNEY MARSHALL ..	{ 73 Lindley Street, York.
1908 Mar. 3.	{ *SEPTON, RALPH, B.A. (<i>Cantab.</i>)	{ King, King & Co., Bombay.
1905 Dec. 5.	{ *SERPELL, DOUGLAS LESLIE ..	{ Waterworks Office, Royal Avenue, Belfast.
1906 Mar. 6.	{ *SETH-SMITH, LESLIE MOFFAT, B.A. (<i>Cantab.</i>)	{ Alleyne, Caterham Valley, Surrey.
1896 May 5.	{ SETTLE, JAMES AINSWORTH ..	{ Borough Surveyor's Office, Bury.
1895 May 21.	{ SETTLE, JOEL	{ The Hill, Alsager, Stoke-on-Trent.
1893 Dec. 5.	{ SEVERN, WILLIAM HENRY ..	{ 17 South St., Thurloe Square, S.W.
1913 Mar. 11.	{ SEVERS, JOHN	{ Royal Ordnance Arsenal, Woolwich.
1880 Jan. 13.	{ *SEWELL, HENRY DE QUINCY ..	{ 155 Alcorne Avenue, Toronto, Canada.
1911 Apr. 4.	{ *SEWELL, THOMAS REGINALD, B.Sc. (<i>Durham</i>)	{ High Croft, Whitburn, Sunderland.
1902 Apr. 22.	{ *SHACKLE, CHARLES EDWARD ..	{ G.W. Railway, Res. Engr.'s Office, Birmingham Station.
1903 Apr. 7.	{ *SHACKLETON, WILLIAM	{ Boro' Engr.'s Office, Town Hall, Nelson.
1912 Apr. 23.	{ *SHADDICK, CLIFFORD RAMIRO	{ Burgess & Co., Ltd., 59/60 Gracechurch Street, E.C.
1904 Jan. 12.	{ *SHADWELL, LANCELOT HORACE AUGUSTUS	{ Harbour Engineer, Port Natal, South Africa.
1903 Apr. 7.	{ SHANAN, CHARLES HENRY ..	{ Maple Hayes, Mussoorie, U.P., India.
1914 Apr. 7.	{ SHAND, FRANK	{ Model Farm, Adwick-le-Street, Doncaster.
1882 Apr. 4.	{ *SHAND, JAMES TILLEY	{ Westwood, Ewell Road, Surbiton.
1914 Feb. 3.	{ SHAND, KEITH RAE	{ P.O. Bayville, C.P., S. Africa.
1905 Dec. 5.	{ SHANNON, JAMES DAVIES, B.E. (<i>Royal</i>)	{ South African Rys., Bloemfontein.

Date of
Election.

ASSOCIATE MEMBERS.

	1908 Feb. 4.	*SHANNON, JOHN	{ c.o. Burr, 1405 Edinburgh Street, New Westminster, B.C.
	1900 Dec. 4.	SHARLAND, JAMES SUTHERLAND	{ Water and Sewerage Trust, Geelong, Victoria.
	1893 Jan. 10.	*SHARMAN, JOHN ROXBURGH ..	40 Arkwright Road, Hampstead, N.W.
	1893 Dec. 5.	*SHARMAN, PHILIP ALAN	120 Cannon Street, E.C.
t +	1887 Dec. 6.	*SHARP, ARCHIBALD, B.Sc. (Lond.)	Thanet House, 231 Strand, W.C.
	1914 Feb. 3.	SHARP, HENRY HEY	P.W.D., Greymouth, New Zealand.
	1912 Apr. 2.	SHARP, JOSEPH GEORGE	Banklands, Workington.
+	1879 Feb. 4.	SHARP, WILLIAM	Invercargill, New Zealand.
	1909 Apr. 6.	{ *SHARPE, HENRY GRATTAN, B.A., B.A.I. (Dubl.) }	{ J. Musgrave, Snipacha, F.C.O., Buenos Aires.
	1900 Feb. 6.	SHARPE, ROBERT JOHN BEVIL	{ H. J. Silverlock, Ingleton, Burgh Heath Road, Epsom.
+	1900 Apr. 3.	{ SHARPE, WILLIAM HENDERSON, B.Sc. (Glas.) }	{ Chief Mechanical Engr.'s Office, South African Rys., Pretoria.
	1911 Apr. 4.	{ *SHARPE, WILLIAM HENRY SHARPE, M.A. (Cantab.) .. }	{ Manaos Harbour, Ltd., Adelphi House, Adelphi Terrace, W.C.
m	1908 Apr. 7.	{ *SHARPLES, GEORGE BERTRAND, M.Sc. (Victoria) }	{ Price, Wills & Reeves, New Dock Works, Bombay. [bridge.
	1905 Jan. 10.	*SHARPLEY, REGINALD	Inschfield, Oatlands Drive, Wey-
	1909 Dec. 7.	*SHAW, CHARLES WILLIAM	Church Street Chambers, Dewsbury.
	1912 Jan. 9.	*SHAW, DOUGLAS SINCLAIR	{ Pahartahi, Chittagong, A.B. Ry., India.
	1885 May 19.	*SHAW, EDWARD	115 Tannsfeld Rd., Sydenham, S.E.
	1908 Apr. 14.	*SHAW, FRANCIS BLEWETT	Sapatum, Bangkok, Siam.
	1886 Jun. 12.	*SHAW, GEORGE HERBERT	Trinity House, Tower Hill, E.C.
	1888, Dec. 4.	SHAW, JAMES JOSEPH	
	1899 Dec. 5.	*SHAW, JOHN	{ Engineer's Office, S.E. & C. Ry., Ashford.
	1886 Feb. 2.	SHAW, JOHN HOWARD	
	1909 Jan. 12.	{ SHAW, JOHN WHITE, B.A., B.E. (Royal) }	{ Chief Engr.'s Office, Port Com- missioners, Calcutta.
	1911 Jan. 10.	*SHAW, THOMAS ALFRED	{ Engr.'s Office, Ottoman (Aidin) Rail- way, Smyrna, Asia Minor.
	1899 Dec. 5.	*SHAW, WILLIAM CAMPBELL	{ Elnor House, Whitley Bridge, Stock- port.
	1900 Dec. 4.	*SHAWCROSS, ROBERT ELLIS	{ Coningsbury, Hollycroft Avenue, Hampstead, N.W.
	1904 Feb. 2.	{ *SHAXBY, RICHARD UNDER- DOWN, B.A. (Cantab.), B.Sc. (Lond.) }	{ Maybank, Lyde Road, Yeovil.
	1895 Jan. 8.	*SHEARD, WILLIAM CURWEN	{ Stonelea, Newtown, New Mills, Stockport.
	1905 Feb. 7.	{ SHEARER, GEORGE WILLIAM, B.Sc. (Glas.) }	{ 1 Hospitalsgatan, Visby, Gottland, Sweden.
	1908 Dec. 1.	{ SHEARER, WILLIAM VALENTINE, B.Sc. (Glas.) }	{ School of Engineering, Giza, Egypt.
	1882 Dec. 5.	*SHEARS, JAMES CHARLES	{ 6 Uxbridge Road, Kingston-on- Thames.
	1913 Apr. 22.	{ SHEEHY, JAMES GRAHAM JOHN MAU }	{ Carnaby Chambers, Carnaby Street, W.
m +	1899 Dec. 5.	*SHEFFIELD, FREDERICK GERARD	
	1894 Dec. 4.	*SHEFFIELD, GEORGE HARRISON	38 Victoria Street, S.W.
	1888 Feb. 7.	SHELDON, FRANK	Wells, Somerset.
	1908 Dec. 1.	*SHELLEY, WILLIAM JOHN	Chilaw Extension, Chilaw, Ceylon.
	1913 Apr. 22.	{ *SHEPHERD, DAVID, B.Sc. (Edin.) }	{ C. H. and P. H. Mitchell, Traders' Bank Building, Toronto.
	1895 May 21.	*SHEPHERD, JOSEPH	{ Brighton Lodge, Bexley Heath, Kent.
	1903 Jan. 13.	*SHEPHERD, JOSEPH	{ 6 St. Margaret's Avenue, Benton, near Newcastle-on-Tyne.

Date of Election.	ASSOCIATE MEMBERS.	
1905 Apr. 4.	*SHEPHERD, PERCY EDWARD ..	Germoe, Gilbert Road, Hale, Cheshire.
t † 1883 Feb. 6.	SHEPPARD, HERBERT GURNEY	{ Auditor, Egyptian State Rys., Cairo, Egypt.
1892 Dec. 6.	SHEPPARD, THOMAS CLIVE ..	{ c.o. E. Abrahamson, 14 Devonshire Square, Bishopsgate, E.C.
1905 Feb. 7.	*SHERREN, ARTHUR OSWALD ..	{ Engr.'s Office, Council Offices, Cheriton, Folkestone.
1902 Apr. 8.	*SHETTLE, WILLIAM CROASDILL	{ Barbados Electric Supply Corporation, Ltd., Garrison Hill, Bridgetown, Barbados.
† 1897 Dec. 7.	{ *SHIELDS, WILLIAM HERBERT, } B.Sc. (Glas.)	{ P.W.D., Perth, Western Australia.
1909 Dec. 7.	{ *SHILSTONE, WILLIAM CHARLES } NELSON	{ I Division, L. Bari Doab Canal, P.O. Balloke, via Changa Manga, Punjab.
1904 Dec. 6.	{ SHIPTON, FRANCIS HENRY } ELDRED, Lieut. R.N., ret. ..	{ 116 Victoria Street, S.W.
† 1907 Jan. 8.	*SHORTT, WILLIAM HAMILTON	{ Bramcote, Bramcote Road, Putney, S.W.
1905 Jan. 10.	*SIBBALD, SAMUEL KAY	{ P.W.D., Kuala Kangsar, Perak, F.M.S.
1906 Dec. 4.	{ *SIBETH, CHARLES GEORGE } AUGUSTINE	{ Res. Engr.'s Office, Main Drainage, Cairo, Egypt.
1899 Dec. 5.	{ SIDES, JOHN FRANCIS, } B.E. (Royal)	{ G. S. & W. Ry., Inchicore, Dublin.
1907 Apr. 23.	{ *SIKES, HOWARD LECKY, B.A., } B.E. (Royal)	{ Magadi Soda Co., Water Dept., Magadi Junction, British East Africa.
1901 Dec. 3.	*SIKES, LOUIS, B.Sc. (Victoria)	{ 109 Acomb Street, Whitworth Park, Manchester.
1912 Dec. 3.	*SILK, THOMAS HUGH	{ 11 Great George Street, Westminster, S.W.
1891 Apr. 7.	*SILLEM, WILLIAM	{ 116 Great Portland Street, W.
1904 Jan. 12.	*SILLITOE, WILLIAM CHARLES	{ Town Hall, Ealing, W.
1911 Dec. 5.	SILVA, MOSES DE	{ Makewita, Jaela, Ceylon.
1884 Jan. 8.	SILVERTHORNE, ARTHUR	{ 5 Victoria Street, S.W.
1892 Mar. 1.	SIMMANCE, JOHN FREDERICK ..	{ 81 Page Street, Westminster, S.W. (Precision, London.)
1906 Dec. 4.	*SIMMERS, ROBERT BEEVOR ..	{ H.M. Dockyard, Portsmouth.
1906 Apr. 3.	SIMMONDS, CECIL FRANCIS ..	{ Lilleshall Co., P.O. Box 229, Bombay.
1914 Apr. 7.	SIMMS, HENRY	{ Freetown, Sierra Leone, W. Africa.
1889 Dec. 3.	*SIMPSON, AUGUSTUS JOHN ..	{ Vale Place, Haverhill, Suffolk.
1895 May 21.	*SIMPSON, CHARLES EDWARD ..	{ Concession Hill Mine, Hartley, Rhodesia.
1888 Feb. 7.	*SIMPSON, CHARLES LIDDELL ..	{ 13 Montagu Place, Montagu Sq., W.
1879 Dec. 2.	*SIMPSON, FRED	{ 46 Brook Road, Blundellsands, Liverpool.
1913 Dec. 2.	{ SIMPSON, HENRY HENDERSON, } B.Sc. (Edin.)	{ Technical College, Dundee.
1899 Dec. 5.	{ *SIMPSON, LIGHTLY STAPLETON, } B.A. (Cantab.)	{ Asst. Loco. Supt., B.A. & P. Ry., Florida 783, Buenos Aires.
1905 Apr. 4.	SIMPSON, WILLIAM HAROLD ..	{ 344 Waterloo Road, Cheetham Hill, Manchester.
1907 Dec. 3.	*SIMS, HENRY CHARLES, JUN. . .	{ 56 Foxbourne Road, Upper Tooting, S.W.
1891 Dec. 1.	SINCLAIR, ALEXANDER	{ Hafôd Works, Swansea.
1906 Apr. 3.	*SINCLAIR, ALFRED ROBERT ..	
1907 Apr. 9.	SINCLAIR, GEORGE GREIG	{ H.M. Dockyard, Portsmouth.
† 1892 Dec. 6.	SINCLAIR, JOHN SMART	{ Town Hall, Widnes.
1910 Jan. 11.	SINCLAIR, MALCOLM	{ J. Waldron, Room 1, Elk Block Moose Jaw, Canada.
1911 Apr. 4.	*SITWELL, RICHARD DEGGE ..	{ Town Hall, Reading.

Date of
Election.

ASSOCIATE MEMBERS.

	1907 Feb. 5.	*SKELSEY, FREDERICK WALTER	{ Ship Canal Portland Cement Manufacturers, Ltd., Ellesmere Port, Cheshire.
	1888 Dec. 4.	*SKELTON, ROBERT	{ Municipal Office, Malagakande, Colombo, Ceylon.
m	1906 Apr. 3.	*SKINNER, CLIFTON MACLEAN	{ "A" Floor, Milburn House, Newcastle-on-Tyne.
	1911 Dec. 5.	SKINNER, JOHN	{ S. Pearson & Son, Ltd., Casilla 1004, Valparaiso, Chile.
	1891 Dec. 1.	SKIPTON, JOHN GERVAIS	{ Athlone, Ireland.
	1901 Dec. 3.	*SLADE, CHARLES FELIX	{ 17 Victoria Street, S.W.
	1912 Dec. 3.	{ *SLADE, GEORGE ERIC ROW- LAND, B.Sc. (Engineering) (Lond.)	{ Thos. Cook and Son, Bombay. [India.
	1913 Feb. 4.	*SLATER, ALEXANDER	{ P.W.D., Alleppey, Travancore, South
	1904 Apr. 12.	*SLATER, ERIC ARNOLD	{ Athelstan, Maldon Rd., Colchester.
	1896 Feb. 4.	*SLATER, JOSEPH	{ 67 Dale Street, Liverpool.
	1907 Apr. 9.	SLAUGHTER, FREDERICK	{ Cashel, High Street, Steyning.
	1907 Dec. 3.	{ *SLEIGH, ALEXANDER IRVING, F.C.H.	{ King, King & Co., Bombay.
	1905 Dec. 5.	{ *SMALL, HERBERT STUART INGLIS, B.E. (Sydney)	{ Kuala Lumpur, F.M.S.
	1914 Jan. 13.	*SMALES, PERCY GEORGE	{ Borough Engr.'s Office, Southend-on-Sea.
	1911 Apr. 4.	*SMART, DAVID LORIMER	{ 49 Birchfields Road, Rusholme, Manchester.
m	1884 Dec. 2.	*SMART, EDGAR	{ Box 830, Johannesburg, Transvaal.
	1914 Apr. 7.	SMART, PERCY	{ 67 Ivor Road, Sparkhill, Birmingham.
	1889 Dec. 3.	*SMITH, ALBERT CASSON	{ Metropolitan Board of Works, 110 Spencer St., Melbourne, Victoria.
	1896 Apr. 14.	SMITH, ALEXANDER	{ Thriepland, Portsoy, Banffshire, N.B.
	1910 Dec. 6.	SMITH, ALEXANDER GIBSON	{ Engr.'s Office, Euston Station, N.W.
	1912 Jan. 9.	{ *SMITH, ALEXANDER SINCLAIR MACDONALD CALDWELL, B.Sc. (Engineering) (Lond.)	{ Signal Engr.'s Office, Sydney Yard, New South Wales.
	1909 Apr. 20.	{ *SMITH, ARCHIBALD COLIN HAMILTON PARKER, B.A. (Candab.)	{ Linburn, Kirknewton, Midlothian.
	1911 Jan. 10.	{ SMITH, ARTHUR MACKLOW, B.Sc. (Engineering) (Lond.)	{ 4 & 5 Queen Anne's Chambers, Westminster, S.W.
	1888 Feb. 7.	SMITH, BASIL EUSTACE	{ H. D. Bewes, 8 Elliott Street, Plymouth.
	1914 Apr. 7.	*SMITH, BERNARD FREDERICK	{ Meadowside, Shades Hill, Enfield
	1908 Apr. 7.	{ SMITH, CECIL HERBERT BLON- FIELD	{ 2 Arundel Villas, Chelmsford Road, Woodford, N.E.
	1900 Dec. 4.	*SMITH, CHARLES FREDERICK	{ 28 Grove Road, Hendingley, Leeds.
	1910 Dec. 6.	*SMITH, CLIVE	{ Preece, Cardew & Snell, 8 Queen Anne's Gate, S.W.
	1910 Dec. 6.	*SMITH, CYRIL GRAHAM	{ Mansi, Monghyr, B. & O., India.
	1911 Apr. 4.	*SMITH, DONALD ELLIOTT	{ Divl. Engr.'s Office, N.S.W. Govern- ment Bys., Station Yard, Sydney, N.S.W.
	1904 Apr. 12.	SMITH, EDGAR MARTIN	{ Eversley, Sawbridgeworth, Herts.
	1906 Dec. 4.	{ SMITH, EDWIN WILLIAM FREDERICK	{ 2 Jesmond Gardens, Newcastle-on-Tyne.
	1914 Apr. 7.	SMITH, EWEN ROSS	{ 27 Rowfant Road, Balham, S.W.
	1911 Mar. 7.	{ *SMITH, FRANCIS MARCHANT ROPER	{ Surveyor's Dept., County Hall, Wakefield.
	1912 Jan. 9.	{ *SMITH, FRANCIS STAFFORD, B.Sc. (Engineering) (Lond.)	{ Cia. Mexicana de Petroleo "E. Aguila," Apartado 150, Tampico, Tamp., Mexico.

Date of Election.		ASSOCIATE MEMBERS.	
1886 Dec. 7.		*SMITH, FRANK MARTIN	{ Engr. - in - Charge, Barren Jack, N.S.W.
1905 Apr. 4.		{ *SMITH, GAVIN TROTMAN	{ Government Railways, Lagos, S. Nigeria.
1900 Apr. 3.		{ SMITH, GEORGE HENRY,	{ Dungowan, Strand Road, Merrion, co. Dublin.
1910 Dec. 6.		*SMITH, GEORGE MAKINS	{ Mozaffapur, Tirhut, India.
1895 Dec. 3.		SMITH, GEORGE WILLIAM	{ Port Elizabeth, Cape Colony.
1899 Feb. 7.		*SMITH, GERALD ALFRED	{ 37 Dhurrumtollah Street, Calcutta.
1897 Apr. 6.		SMITH, HARRY WILLIAM	{ Boro' Engineer, Scarborough.
1896 Jan. 14.		{ *SMITH, HENRY VAUGHAN	{ Pembroke Estates Office, 1 Wilton Place, Dublin.
1902 Apr. 8.		SMITH, HUGH LESLIE	{ 134 Murray Road, Rugby.
1908 Dec. 1.		SMITH, JAMES FREDERICK	{ F.C. Central Argentine, Calle Bartolome Mitre 299, Buenos Aires.
1894 Dec. 4.		SMITH, JAMES GOULD	{ Boro' Surveyor, 31 Lairgate, Beverley.
1906 Apr. 3.		{ SMITH, JAMES HENRY WOOLSTON	{ York House, Minehead.
1913 Dec. 2.		*SMITH, JOHN REID	{ Henry Marsh, C.I.E., Comision Local, F.C.C.A., Bartolome Mitre 299, Buenos Aires.
1898 Apr. 5.		SMITH, JOHN WILLIAM	{ Abbeyville, Abbey Hey, Manchester.
1912 Apr. 2.		*SMITH, JOHN WOODHEAD	{ Waterworks Engr., Parsons Lane, Bury.
1914 Mar. 3.		*SMITH, JULIAN URBAN	{ Ellenbrook, Hatfield, Herts.
1911 Dec. 5.		*SMITH, NORMAN	{ Resident Engr., New Graving Dock No. 2, J. Readhead & Sons, Ltd., South Shields.
1908 Apr. 7.		SMITH, PERCY PHILIP OSCAR ..	{ Braithwaite & Kirk, Crown Bridge Works, West Bromwich.
R 1913 Jan. 14.		{ *SMITH, RICHARD ALBERT BELCHAM	{ 18 St. John's Road, Brixton, S.W.
t + 1881 May 3.		{ SMITH, Professor ROBERT HENRY	{ 3 Thirlmere Road, Streatham, S.W.
1908 Dec. 1.		*SMITH, ROBERT MELVILLE ..	{ Wyndeliff, Dudley.
S + 1889 Apr. 2.		{ *SMITH, ROGER THOMAS,	{ Electrical Engr., G.W. Ry., 66 Porchester Road, Paddington, W.
t + 1912 Jan. 9.		{ SMITH, STANLEY PARKER,	{ City and Guilds (Engineering) College, Exhibition Road, S.W.
1901 Apr. 23.		SMITH, SYDNEY ARTHUR	{ 1 Princess Street, Manchester.
1910 Jan. 11.		SMITH, SYDNEY WILLIAM	{ Accra Waterworks, Gold Coast, W. Africa.
1895 Jan. 8.		SMITH, T. RIDSDILL	{ Stoneleigh, Davenport Avenue, Hessle, E. Yorks.
1897 Jan. 12.		*SMITH, THOMAS, B.A.I. (Dubl.)	{ District Engr.'s Office, Great Northern Ry., Enniskillen, co. Fermanagh.
1908 Dec. 1.		SMITH, THOMAS HAROLD	{ Main Drainage Dept., P.W.D., Cairo.
1888 Feb. 7.		SMITH, THOMAS READER	{ District Council, Kettering.
1891 Apr. 7.		SMITH, THOMAS RHYS	{ Cos Cob, Connecticut, U.S. [S.W.]
1904 Mar. 1.		*SMITH, THORNTON BROWN	{ Chillon, Coval Road, East Sheen.
1910 Dec. 6.		{ *SMITH, VALENTINE GARDNER HYDE	{ P.W.D., Almora, U.P., India.
1910 Jan. 11.		*SMITH, VERNON CHARLES	{ Canadian Bank of Commerce, Portland, Oregon, U.S.A.
1891 Feb. 3.		SMITH, WILLIAM	{ Sewerage Branch, Sydney, N.S.W.
1912 Apr. 2.		SMITH, WILLIAM BOULTON	{ Borough Surveyor's Office, Town Hall, Paddington, W.
1904 Apr. 19.		*SMITH, WILLIAM FREDERICK ..	{ Waterworks Engr.'s Office, Municipal Buildings, Leeds.
1906 Dec. 4.		*SMITH, WILLIAM FREDERICK ..	{ Upper Chenab Canal, Gujranwala, Punjab.

Date of
Election.

ASSOCIATE MEMBERS.

1911 Dec. 5.	{ *SMITH, WILLIAM ROSE, B.Sc. (Edin.) }	Delhi-Umballa-Kalka Ry., Panipat, Punjab, India.
1890 Dec. 2.	{ *SMITH - SAVILLE, ROBERT WILLIAM }	Borough and Water Engineer, Darwen.
1912 Apr. 2.	{ *SMITHSON, JAMES EDWIN NOR- MAN }	Southern Alberta Land Co., Medi- cine Hat, Alta., Canada.
1908 Jan. 14.	*SMYTH, ARCHIBALD HUGH	South Indian Ry., Trichinopoly, India.
1901 Dec. 3.	SMYTH, JOHN MCFALL	Askern, Barnet, Herts.
1913 Dec. 2.	*SMYTHE, ERIC HAMILTON	Vickers House, Broadway, West- minster, S.W.
1906 Dec. 4.	{ *SNAPE, ALFRED ERNEST, M.Sc. (Victoria) }	South African College, Cape Town.
1887 Apr. 5.	SNELL, HARRY	Stanwell Rd., Penarth, Cardiff.
1884 May 27.	*SNELL, HENRY DE MORGAN	136 Rua Primeiro de Marco, Rio de Janeiro.
1909 Dec. 7.	*SNEYD, GEORGE STUART	P.W.D., Nagpur, C.P., India.
1910 Dec. 6.	{ *SNODGRASS, DONALD GARDNER, M.Eng. (Liverpool) }	Humberstone, Sutton Coldfield.
1906 Dec. 4.	SNODGRASS, REGINALD	Vancouver and Districts Joint Sewerage and Drainage Board, Rooms 514-518, Birks Building, Vancouver, B.C.
1909 Jan. 12.	*SNOWDON, HAROLD	John Price & Son, Alexandra Dock S. Extension, Newport, Mon.
1896 Feb. 4.	{ *SOBRE, FERDINAND AUGUSTUS VON }	Laurel Bank, Woolton Road, Waver- tree, Liverpool.
1905 Apr. 4.	{ SOLLY, JOHN BENJAMIN TRAVERS }	
1898 Dec. 6.	*SOMERS, WILLIAM TOM WOOD ..	Canal Office, Karnal, Punjab, India.
1914 Mar. 3.	{ SOMMERVILLE, JOSEPH WILLIAM, B.Sc. (Glas.) }	40 Montgomerie Street, N. Kelvin- side, Glasgow.
1898 Feb. 1.	{ *SONNEBORN, ALBERT EDWARD HARVEY }	61 Wilson Street, Derby.
✦ 1901 Apr. 2.	{ *SONNENSCHN, FREDERIC BOLTON }	
1897 Feb. 2.	*SOPER, ROBERT LEWIS	Mavis Bank, Kendal Avenue, Epping.
1887 May 24.	SORABJEE, SHAPURJEE	16 Apollo Street, Fort, Bombay.
1900 Apr. 3.	*SOUTHEY, FREDERICK	75 St. John's Park, Blackheath, S.E.
1883 Apr. 3.	SOUTTER, PETER WILLIAM	
1909 Jan. 12.	*SPALDING, PERCY ALFRED	Electricity Works, Dundalk.
1911 Dec. 5.	{ *SPARKS, DAVID ERNEST, B.Sc. (Engineering) (Lond.) }	Ladysmith, Natal.
1893 Feb. 7.	*SPARKS, IVON ALGERNON	Hillingdene, Gresham Rd., Staines.
1897 Apr. 6.	{ *SPARKS, JAMES NOEL, B.A. (Cantab.) }	Winchester Ho., Old Broad St., E.C.
1906 Dec. 4.	{ *SPARTALI, MICHAEL, B.Sc. (Glas.) }	c.o. General Manager, Government Rys., Secoudee, Gold Coast, W. Africa.
1909 Apr. 6.	*SPEECHLY, EDWARD	King, Hamilton & Co., Calcutta.
1913 Jan. 14.	{ *SPENCE, ERIC HUDSON, B.Sc. (Engineering) (Lond.) }	Irrigation Dept., Staal Plein, Cape Town, S. Africa.
1914 Jan. 13.	*SPENCE, THOMAS	24 & 25 Central Exchange Building, 50 Grainger Street, Newcastle- on-Tyne.
1894 Jan. 9.	*SPENCE, WILFRID L.	31 St. Vincent Place, Glasgow (Electrify, Glasgow. City 8080.)
1890 Mar. 4.	*SPENCER, CHARLES TALLENT	San Salvador, Central America [via Salina Cruz].
1890 Dec. 2.	*SPENCER, HENRY BATH	Winchester House, Birmingham.
1876 May 30.	SPENCER, JOHN PHILIP	Tynemouth.
1894 May 22.	{ *SPENCER, LEONARD GRANTLEY PAOLI }	Te Kuiti, New Zealand.

Date of Election.	ASSOCIATE MEMBERS.	
1910 Dec. 6.	SPENCER, NORMAN	{c.o. H. S. King & Co., 9 Pall Mall, S.W.
1911 Dec. 5.	SPENCER, PERCY STARKEY ..	{Engr.'s Office, Corporation Water-works, Sheffield.
1911 Dec. 5.	{*SPENCER-PHILLIPS, REGINALD JOHN}	{39 Holland Road, Kensington, W.
1895 Dec. 3.	{*SPENCER-STANHOPE, PHILIP BERTIE, M.A. (<i>Oxon.</i>)}	{Haven Cottage, Wrotham, Kent.
1861 Mar. 5.	SPIERS, JOSEPH	{Ingleside, St. Saviour's Road, St. Leonards-on-Sea.
✠ 1904 Dec. 6.	SPILLER, JOHN WYATT	{Colwyn, Keeble Road, Maidenhead.
1877 Dec. 4.	SPINDLER, HENRY LEWIS ..	{Lars Hansen, 51 Crawford Street, Port Elizabeth, S. Africa.
1912 Mar. 5.	{SPITTLE, JOHN TREVOR, M.A. (<i>Cantab.</i>)}	{Pembroke College, Cambridge.
1910 Dec. 6.	{*SPITTLE, THOMAS STANLEY, M.A. (<i>Cantab.</i>)}	{The Hill, Caerleon, Mon.
1911 Dec. 5.	*SPOONER, ARTHUR DOUGLAS ..	{3 Glebe Mansions, King's Road, Chelsea, S.W.
1911 Feb. 7.	*SPOONER, CYRIL	{Metropolitan Board of Water-Supply & Sewerage, Sydney, N.S.W.
1885 Jan. 13.	SPOONER, HENRY JOHN	{309 Regent Street, W.
1910 Apr. 5.	{SPOONER, WILLIAM WYCLIFFE, B.A. (<i>Cantab.</i>)}	{Cole, Marchant & Morley, Ltd., Prospect Foundry, Bradford.
1900 Mar. 6.	*SPRAGUE, ERNEST HEADLY ..	{149 Adelaide Road, N.W.
1901 Mar. 5.	*SPRECKLEY, JOHN ALFRED ..	{17 Gloucester Street, Ottawa, Canada
1886 Jan. 12.	*STABLES, EDWARD	{106 Hereford Rd., Bayswater, W.
1906 Feb. 6.	{*STACEY, WILLIAM HENRY, B.Sc. (<i>Birmingham</i>)}	{Ingleside, Coleshill, Warwickshire.
1891 Dec. 1.	*STAINFORTH, GEORGE MAYNARD	{Apartado 455, Bogota, Colombia, S. America.
1894 Dec. 4.	STAINTHORPE, THOMAS WILLIAM	{Irrigation Dept., Union Buildings, Pretoria, S. Africa.
1894 May 22.	STANTON, FRANCIS CHARLES ..	{Engineer's Office, S. E. & L. C. & D. Rys., London Bridge, S.E.
1909 Feb. 2.	{STAIR-KERR, STAIR, B.Sc. (<i>Edin.</i>)}	{20 Napier Road, Edinburgh.
1895 May 21.	*STALLARD, SIDNEY	{County Surveyor, Oxford.
1908 Apr. 7.	STALLEY, HERBERT FREDERIC	{Island Trading Co., Ltd., Brunei, Borneo.
1888 Feb. 7.	*STALLIBRASS, EDWARD	{c.o. Ferrocarril, Antofagasta, Chile.
1896 Feb. 4.	*STAMP, CHARLES	{Suptg. Engineer's Office, Dockyard, Devonport.
1903 Feb. 3.	*STANDEN, HUGH WYATT	{Canterbury House, Sevenoaks.
1900 Dec. 4.	STANDFIELD, FRANK	{Fairholm, Christchurch Road, Surbiton.
1910 Jan. 11.	STANFORD, ERIC SPENCER	{36 Cheriton Square, Balham, S.W.
1903 Feb. 3.	*STANFORD, FREDERICK OWEN	{2 York Mansions, Batterssea Park, S.W.
1904 Jan. 12.	{*STANGER, REGINALD HARRY HURTHOUSE}	{Broadway Testing Works, Westminster, S.W.
1904 Dec. 6.	{*STANIER, CHARLES EDWARD, B.Sc. (<i>Lond.</i>)}	{12 Boileau Road, North Ealing, W.
1900 Jan. 9.	STANLEY, EDWARD GOWER	{P.W.D., Maymyo, Burma.
1908 Dec. 1.	STANLEY, HENRY JOHNSON	
1890 Feb. 4.	STANLEY, WILLIAM HENRY	{Sunnycroft, Trowbridge, Wilts.
1901 Feb. 5.	{*STANSFIELD, SAMUEL, M.Sc. (<i>Manchester</i>)}	{8 Linden Grove, Linthorpe, Middlesbrough.
1902 Dec. 2.	{STANTON, FREDERICK WILLIAM SCHULTHEISS}	{Maidstone Road, Chatham.
1898 Mar. 1.	*STANTON, WALTER CHARLES ..	{Thos. Cook & Son, Bombay.

Date of
Election.

ASSOCIATE MEMBERS.

1913 Dec. 2.	{ *STANTON, WILLIAM FRANK, B.Sc. (Engineering) (Lond.) }	Casilla 1004, Valparaiso, Chile.
1868 Dec. 1.	STATHAM, EDWYN JOSEPH ..	Cumberland Heights, Parramatta, N.S.W.
1895 Apr. 2.	*STATHAM, HUGH WORTHINGTON	Shire Engr., Gosford, New South Wales.
1894 Dec. 4.	*STATHAM, WILLIAM BLACKWALL	Linde British Refrigeration Co., 35 Queen Victoria Street, E.C.
1888 May 1.	*STATTER, JOHN GRICE	Springfield Lane, Salford, Manchester.
1912 Jan. 9.	STAVELEY, NEWBOLD CROFTON	Borough Engineer, Wanganui, N.Z.
1910 Apr. 5.	STEAD, EDWARD JOHN	County Surveyor, Wells, Somerset.
B 1914 Feb. 3.	*STEDMAN, ERNEST WALTER ..	Aeronautic Dept., National Physical Laboratory, Teddington.
1914 Feb. 3.	{ *STEGGALL, JOHN WILLIAM ABBOTT, B.Sc. (St. Andrews) }	Woodend, Perth Road, Dundee.
1908 Mar. 3.	*STEINBERG, HERBERT EDWARD	43 Parliament Hill, N.W.
1908 Dec. 1.	{ *STEINTHAL, PAUL TELFORD, M.Sc. (Leeds) }	23 Park Road, Richmond, Surrey.
1904 Dec. 6.	{ STELFOX, SYDNEY HERBERT, B.Sc. (Victoria) }	The University, Leeds.
1893 Mar. 7.	STEPHEN, FREDERIC WILBER ..	Government Offices, Victoria Square, Adelaide, S. Australia.
1906 Apr. 3.	STEPHEN, FREDERICK WILLIAM	Cleveland Bridge and Engineering Co., Caixa Postal 10, Natal, Rio Grande do Norte, Brazil.
1883 May 29.	*STEPHEN, JAMES BROWN ..	North Lancing, Worthing.
1894 May 1.	STEPHEN, JAMES HENRY ..	Leigh, Lanes.
1898 Apr. 5.	STEPHENS, CHARLES THOMAS ..	P.W.D., Sydney, N.S.W.
1910 Apr. 5.	STEPHENS, HARFORD GEORGE	17 Florence Road, Leicester.
1910 Jan. 11.	{ STEPHENSON, ARTHUR FRED- ERICK VERE }	c.o. State Engineer, The Negri Sembilan, F.M.S.
1898 Mar. 1.	STEPHENSON, EDWARD	Bowes Scott & Western, Broadway Chambers, Westminster, S.W.
1887 May 3.	{ STEPHENSON, JOSEPH GURDON LEYCESTER }	33A Broadway, Hammersmith, W. (Stephenson, Broadway, Hammersmith, Western 140.)
1894 Dec. 4.	*STEPHENSON, RALPH HARRY ..	R. H. Stephenson & Co., St. Saviour's Road E., Leicester.
1897 Mar. 2.	STERICKER, WALTER PERCHARD	26 Normanton Road, South Croydon.
m + 1896 Dec. 1.	*STEVEN, JOHN WILSON	St. Clarence Drive, Hyndland, Glasgow
1910 Dec. 6.	*STEVENS, FRANCIS GEORGE ..	P.W.D., Colombo, Ceylon.
1910 Dec. 6.	*STEVENS, HENRY JOHN HENLEY	Huth & Co., Valparaiso, Chile.
1904 Dec. 6.	*STEVENS, HERBERT LESLIE ..	9 Calle Acevado, Lomas, F.C.S., Argentina.
1912 Dec. 3.	STEVENS, LEWIS JOHN	Council Offices, Hanwell, W.
1885 May 5.	STEVENS, PERCIVAL	Port of Spain, Trinidad.
1912 Dec. 3.	{ STEVENS, WILLIAM GEOFFREY, B.A. (Cantab.) }	16 Abbey Terrace, Gateshead.
R 1911 Dec. 5.	*STEVENSON, CECIL YOUNG ..	2 Ravenshill Terrace, Belfast.
1910 Dec. 6.	STEVENSON, GEORGE	91 Wellington Street, Glasgow.
1899 Dec. 5.	{ *STEVENSON, GEORGE HAROLD, B.Sc. (Edin.) }	c.o. H. S. King & Co., 65 Cornhill, E.C.
1874 Apr. 14.	STEVENSON, JOHN	16 Denzil Avenue, Southampton.
1908 Dec. 1.	STEVENSON, ROBERT	Topham, Jones & Railton, Ltd. Gibraltar.
1881 Mar. 1.	STEVENSON, SIDNEY EVANCE ..	Westwood, Kymberley Rd., Harrow.
m + 1901 Mar. 5.	*STEWART, ANGUS MATHESON ..	Dept. Via y Obras, F. C. Oeste, Buenos Aires.
1905 Apr. 1.	*STEWART, DONALD MACIVER ..	P.W.D., Dibrugarh, Assam, India.
1906 Dec. 4.	{ *STEWART, FREDERICK ROBERT, B.Sc. (Glas.) }	Robert Gordon's Technical College, Aberdeen.

Date of Election.	ASSOCIATE MEMBERS.	
1913 Dec. 2.	*STEWART, GEORGE	{ South African College, Cape Town, S. Africa.
1912 Apr. 2.	STEWART, JOHN ANDERSON ..	{ Bengal & North-Western Ry., Gonda, U.P., India.
1909 Apr. 6.	STEWART, MARSHALL SOPHOS	{ Llanfair Buildings, St. Mary's Street, Swansea.
1899 Dec. 5.	STEWART, PERCY CHARLES ..	{ L. & N. W. Ry., Engr.'s Dept., 97 Adelaide Road, Hampstead, N.W.
1891 Dec. 1.	*STEWART, THOMAS	{ Irrigation Dept., Trincomalee, Ceylon.
1913 Dec. 2.	*STEWART, THOMAS BRUCE ..	{ Municipal Council, Colombo, Ceylon.
1909 Apr. 6.	{ STILEMAN, FRANCIS WILLIAM HAROLD }	{ 56 Moorgate Street, E.C.
1895 Feb. 5.	*STILL, ALFRED	{ Purdue University, Lafayette, Indiana, U.S.
1901 Dec. 3.	*STIRLING, GROTE	{ Box 200, Kelowna, British Columbia.
1898 Dec. 6.	STIRLING, JAMES	{ 32 Trinity Road, Scarborough.
1906 Feb. 6.	{ STIRLING, JAMES NEILSON. M.A., B.Sc. (Glas.) }	{ Municipal Buildings, Helensburgh.
1892 Apr. 5.	*STOCKEN, ALFRED LEONARD ..	{ Lacroix, Fils et Cie., Mazères-sur-le-Salat, France.
1910 Dec. 6.	STODART, JAMES	{ City Engr.'s Office, Hamilton, Ontario.
1912 Dec. 3.	{ STODDARD, ARTHUR ASKWITH, B.Sc. (Victoria) }	{ Klong Poh Yome, Bangkok, Siam.
1908 Apr. 7.	STODDART, CYRIL	{ 89 Beresford Road, North End, Portsmouth.
✦ 1878 Feb. 5.	*STOESS, CHARLES ANTHONY ..	{ 1891 Nelson Street, Vancouver, B.C.
1895 Dec. 3.	*STOKER, GILBERT	{ 27 Arlow Road, Winchmore Hill, N.
1912 Feb. 6.	{ STOKES, FRANCIS WILLIAM, B.Sc. (Engineering) (Lond.) }	{ Sansom Bros & Co., Union Foundry, Mansfield.
1889 Jan. 8.	*STOKOE, EDWARD RICHMOND ..	{ Kuala Lumpur, Selangor, F.M.S.
1906 Apr. 3.	STORRAR, ADAM YOUNG	{ B. B. & C. I. Ry., No. 26 Camp, Ahmedabad, India.
1909 Apr. 6.	STORRIE, WILLIAM	{ John ver Mehr Engineering Co., 210/212 Confederation Life Building, Toronto, Canada.
✦ 1896 Dec. 1.	STOTHERD, CHARLES EGREMONT	{ Jaipur, Rajputana, India.
✦ 1901 Dec. 3.	*STOW, GEORGE	{ Mercantile Chambers, High Street, Newport, Mon.
1909 Apr. 6.	STRACHAN, ALEXANDER BEGG	{ Central London Ry., Wood Lane Extension, Res. Engr.'s Office, Wood Lane, Shepherd's Bush, W.
1908 Feb. 4.	*STRACHAN, JOHN	{ Engr.'s Office, River Wear Commission, Sunderland.
1910 Dec. 6.	{ *STRACHAN, WILLIAM STEAD, B.Sc. (Engineering) (Lond.) }	{ 15 Castleton Mansions, Barnes, S.W.
1898 Apr. 5.	STRACHEY, RALPH	{ E.I. Ry. House, Calcutta, India.
1888 May 15.	STRAIN, JOHN LOUDON	{ Court House Chambers, Buxton.
1879 Feb. 4.	{ STRAKER, CHARLES EDMUND, M.A. (Cantab.) }	{ High Warden, Hexham.
1895 Dec. 3.	STRAKER, SIDNEY	{ 5 Nelson Square, Blackfriars, S.E.
1885 Dec. 1.	STRAPP, WALTER	{ Rue de Madrid 15, Paris.
1910 Dec. 6.	STRATTON, HENRY ERNEST ..	{ 70 Aberdour Road, Goodmayes, Essex.
1907 Dec. 3.	{ STREATFIELD, Rev. ROLAND HARRY }	{ King's Worthy Rectory, Winchester.
1906 Apr. 3.	STREATHER, WILLIAM TURNER	{ Brooklands, Golder's Green Road, N.W.
1909 Dec. 7.	*STREET, ARTHUR HUBERT ..	{ St. Margaret's, Carlisle Road, Eastbourne.
1914 Apr. 21.	STREET, CHARLES FREDERICK	{ 5 Bonser Road, Cross Deep, Twickenham.

Date of Election.	ASSOCIATE MEMBERS.	
1911 Feb. 7.	{ STRICKLAND, FREDERICK WILLIAM }	Egham and Staines Electricity Co., Ltd., Staines.
1912 Dec. 3.	*STRICKLAND, JOHN GRINDON ..	{ Land & Survey Dept., Entebbe, Uganda, British East Africa.
m 1910 Feb. 1.	{ *STRINGER, HAROLD, B.A. (Contab.) }	{ Beuguela Ry., Lobito Bay, Angola, S.W. Africa.
1869 Feb. 2.	STRONGTHARM, AUGUSTUS HORACE	Barrow-in-Furness.
1897 Feb. 2.	{ *STRUBEN, ARTHUR MARINUS ALEXANDER }	P.O. Box 1228, Pretoria, Transvaal.
1906 Apr. 3.	{ STUART, DONALD MACDONALD DOUGLAS }	Redland, Bristol.
1901 Dec. 3.	*STUART, JAMES DOUGLAS ..	A. Scott & Co., Rangoon, Burma.
1900 Apr. 3.	{ STUART-MENTETH, WILLIAM FREDERICK }	Cox & Co., Bombay.
1899 Dec. 5.	{ STUBBS, HERBERT EDWARD CRAMPTON }	{ Ph. Broadway, Sargodha, Punjab, India.
1883 Dec. 4.	STUBBS, WILLIAM	Municipal Offices, Blackburn.
1898 Apr. 5.	STUDLEY, SAMUEL HAROLD ..	Water Dept., Town Hall, Sheffield.
1913 Dec. 2.	STURGEON, HENRY CURRAN ..	{ Ministry of Public Works, Port Said, Egypt.
1912 Apr. 2.	STURGEON, ROBERT ALEXANDER	Bodeuron, Trevor, Llangollen.
1907 Apr. 9.	STURROCK, GEORGE	{ P.W.D., Seremban, Negri Sembilan, F.M.S.
1914 Apr. 7.	{ *STURTON, KEITH MANSFIELD, B.A. (Contab.) }	{ Gonville House, Hills Road, Cam- bridge.
1890 Dec. 2.	*SUAREZ, PEDRO	81 Cannon Street, E.C.
1894 Dec. 4.	{ SUBRAHMANYAM AIYAR, SUN- DARAIYAR ARUMBUR, Rai Sahib, B.A., B.E. (Madras)	Mayavaram, Tanjore, Madras.
1911 Apr. 4.	SUDDARDS, THOMAS DENNISON	{ Far Oaks Villas, West Bowling, Bradford.
1894 Jan. 9.	SUGGATE, ALFRED	18 Hungate, Beccles, Suffolk.
1903 Apr. 7.	{ SULLIVAN, ROBERT JAMES, B.A.I. (Dubl.) }	Riverside, Donaghmore, co. Tyrone.
1883 Jan. 9.	*SUMMERSCALE, ALFRED	{ Royal Road, Sutton Coldfield, Bir- mingham.
1907 Feb. 5.	*SUMNER, CHAUNCEY HUGH ..	{ 64 Cannhall Road, Leytonstone, N.E.
1896 Mar. 3.	*SUTCLIFFE, JOHN	{ Deptford Town Hall, New Cross Road, S.E.
1910 Apr. 5.	SUTCLIFFE, WILLIAM	{ 24 Dalziel Drive, Maxwell Park, Glasgow.
1896 Dec. 1.	{ SUTHERLAND, ALEXANDER CHARLES, M.A., M.C.E. (Melb.) }	{ Govt. Mining Engineer's Office, Johannesburg, Transvaal.
1895 Dec. 3.	*SUTHERLAND, JAMES	c.o.H.S King & Co., 9 Pall Mall, S.W.
1909 Apr. 6.	*SUTTON, FRANCIS ARTHUR ..	{ Rugerino & Sutton, 25 de Mayo 158, Buenos Aires.
1895 Dec. 3.	SUTOR, JOHN BLIGH	{ Commercial Agency, N.S.W. Govt., Kobe, Japan [via Siberia].
1906 Feb. 6.	*SVENSSON, GILLIS	Churchfields, Cheshunt.
✠ 1885 Mar. 3.	*SWAINSON, JOHN HENRY ..	{ 4 Crane's Bldgs., Regent Street, Wrexham.
1905 Jan. 10.	*SWALES, JOHN KIRBY	{ Waterworks Engr.'s Office, Great George Street, Leeds.
1904 Dec. 6.	{ *SWAN, PERCIVAL, B.A. (Contab.) }	{ Technical Service, P.W.D., Cairo, Egypt.
1899 Dec. 5.	SWARBRICK, ROBERT ALFRED	50 Craven Avenue, Ealing, W.
1901 Dec. 3.	*SWAYNE, GERALD	1 Victoria Street, S.W.
1907 Dec. 3.	*SWAYNE, HERBERT CHARLES..	Colombo Drainage Works, Ceylon.
1912 Dec. 3.	SWEETMAN, GERALD DRYSDALE	Town Hall, Upper Street, N.
✠ 1904 Dec. 6.	*SWEETMAN, WALTER	{ P.O. Box 6529, Johannesburg, South Africa.

Date of Election.	ASSOCIATE MEMBERS.	
1892 Dec. 6.	{ *SYKES, CHARLES FREDERICK, } F.C.H.	c.o. H. S. King & Co., 9 Pall Mall, S.W.
✦ 1888 Dec. 4.	{ SYKES, CLEMENT MORISCRIP ..	King, King & Co., Bombay.
1888 Jan. 10.	{ SYKES, EDWARD	District Council, Cheadle, Manchester.
1908 Jan. 14.	{ SYKES, EDWARD FRANCIS ..	{ Exec. Engr., Third Project Division, Delhi Province, Delhi, India.
1897 Jan. 12.	{ *SYKES, JOSEPH CHARLES ..	{ 25 Malmain's Way, Parklangley, Beckenham, Kent.
1892 Mar. 1.	{ *SYMMONS, PERCY WILSON ..	The Veau, Copford, Colchester.
{ 1890 Mar. 4.	{ *SYNGE, ROBERT ANTHONY, } B.A. (Dubl.)	{ Edward Syngé, 11 Leinster Street, Dublin.
1910 Jan. 11.	{ *SZLUMPER, GILBERT SAVIL ..	{ General Manager's Office, L. & S.W. Ry., Waterloo Station, S.E.
1910 Feb. 1.	{ *TABOR, ERIC MONTAGU	Sudan Irrigation Service, Khartoum.
1913 Feb. 4.	{ *TAIT, FARQUHAR	{ c.o. Under Secretary of State, Malay States, Kuala Lumpur, F.M.S.
1906 Dec. 4.	{ TAIT, WILLIAM IRONSIDE ..	Council Offices, Sudbury, Suffolk.
1911 Dec. 5.	{ *TAIT, WILLIAM STUART ..	Lemont, Illinois, U.S.A.
1887 Dec. 6.	{ TAITE, JOHN CHARLES	{ 63 Queen Victoria Street, E.C. (Central 6925.)
T t ✦ 1890 Dec. 2.	{ TANABE, Professor SAKURO ..	Kioto University, Japan [via Siberia].
✦ 1905 Apr. 4.	{ *TANSLEY, GEORGE EDWARD, } B.Sc. (Victoria)	Sandal, Wakefield.
B 1913 Apr. 22.	{ *TAPLIN, THOMAS JAMES, JUN.	{ c.o. T. J. Taplin, 16 Lordship Park, Chief Res. Engr., Rowalla Railway Extensions, Freetown, Sierra Leone.
1896 Mar. 3.	{ *TARGET, FELIX ALEXANDER ..	{ Engr.'s Office, G.C. Ry., Immingham Dock, Lincolnshire.
1901 Dec. 3.	{ *TARRANT, ERNEST ARTHUR ..	{ Cleveland Bridge and Engineering Co., Ltd., Darlington. [S.W.
1904 Dec. 6.	{ TARVER, GEORGE HERBERT ..	{ Chas. Walrond, 25 Victoria Street, Elmhurst, Whiteabbey, Belfast.
1912 Apr. 2.	{ TASMAN, HERBERT EDWARD ..	{ TATE, CHARLES LANYON, B.A., B.E. (Royal)
1906 Dec. 4.	{ TATE, HERBERT WILLIAM ..	{ 322 Cheetham Hill Rd., Manchester.
1891 Dec. 1.	{ TATE, JOHN	Olinda, Cranleigh, Surrey.
1893 Dec. 5.	{ *TATE, THOMAS BAILEY	{ Bank House, Acklington, Northumberland.
1887 Jan. 11.	{ TATE, WALTER HOWARD ..	Taiping, Perak, S.S.
1893 Dec. 5.	{ *TAYLER, ALEXANDER JAMES, } WALLIS	{ Esquimault, Robin Hood Lane, Sutton, Surrey.
1911 Feb. 7.	{ *TAYLOR, ALFRED SAMUEL } VINCENT	Surveyor's Office, Bedwas, Mon.
1913 Apr. 22.	{ TAYLOR, ARTHUR BENNETT ..	{ c.o. Ingeniero Residente, Bolivia Ry. Co., La Paz, Bolivia.
1896 Dec. 1.	{ TAYLOR, ARTHUR JOSEPH ..	{ 22 Waldemar Road, Wimbledon Park, S.W. [India.
1906 Dec. 4.	{ TAYLOR, ARTHUR KEPPLE ..	{ United Service Club, Calcutta,
1897 Dec. 7.	{ *TAYLOR, DAVID GUILLAND, } B.Sc. (Glas.)	{ c.o. Superintending Civil Engineer, H.M. Dockyard, Devonport.
m 1902 Apr. 8.	{ *TAYLOR, FRANK COSTON, } M.A. (Cantab.)	{ 11 Egyptian House, 170 Piccadilly, W.
1911 Apr. 4.	{ *TAYLOR, FREDERICK NICHOLAS } (Glover)	{ Charles Brand & Son, Bamburgh, Northumberland.
1910 Dec. 6.	{ *TAYLOR, GODFREY MIDGLEY } CHASSEREAU, M.A. (Cantab.)	Caxton House, Westminster, S.W.
1910 Dec. 6.	{ *TAYLOR, HAROLD	{ Borough Engr.'s Office, Town Hall, Luton.
1913 Apr. 22.	{ TAYLOR, HAROLD	Manor House Offices, Barnsley.

Date of
Election.

ASSOCIATE MEMBERS.

1911 Apr. 4.	TAYLOR, HAROLD DALBIAC ..	The Rectory, Hackney, N.E.
1897 Jan. 12.	TAYLOR, HARRY WILLIAM ..	{ Cathedral Buildings, Dean Street, Newcastle-on-Tyne.
1899 Apr. 11.	*TAYLOR, JOHN CHARLES ..	{ Leopoldina Ry., Caixa 291, Rio de Janeiro, Brazil.
1907 Apr. 23.	{ *TAYLOR, JOHN HAROLD CLAY- FIELD	{ Antofagasta and Bolivia Ry. Co., Antofagasta, Chile.
1904 Feb. 2.	{ *TAYLOR, JOHN REGINALD, M.A. (<i>Cantab.</i>)	{ 86 Corringham Road, Golder's Green, N.W.
1908 Dec. 1.	*TAYLOR, LEWIS ENFIELD ..	{ c.o. The Agent, Madras and S. Mahratta Ry., Madras.
1886 Apr. 6.	*TAYLOR, ROBERT CHARLES ..	St. James's Gate Brewery, Dublin.
1886 Jan. 12.	TAYLOR, ROBERT HENRY ..	230 Lewisham High Road, S.E.
1907 Dec. 3.	TAYLOR, SHEPHERD HOAD ..	{ Inland Revenue, 108 Deansgate, Manchester.
1908 Apr. 7.	*TAYLOR, THOMAS HAROLD ..	{ Central Argentine Ry., Engr.'s Office, 299 Bartolome Mitre, Buenos Aires.
1879 Apr. 1.	TEASDEL, JAMES EDWIN	Nagpur, C.P., India.
1903 Apr. 7.	*TEDMAN, CYRIL	Elmwood, Airthrie Road, Good- mayes, Essex.
1911 Dec. 5.	{ *TEGGIN, GEORGE SMITH, M.Sc. Tech. (<i>Manchester</i>) ..	{ Dorman, Long & Co., Ltd., 19 Vic- toria Street, S.W.
1910 Jan. 11.	TELFORD, JOHN CHARLES ..	{ c.o. 33 Cheyne Court, Chelsea, S.W.
1914 Feb. 3.	{ *TEMPERLEY, ARTHUR RIDLEY, B.A. (<i>Cantab.</i>)	{ 52 Clifton Road, Rugby.
1891 May 5.	TEMPLER, CHARLIE LIONEL ..	3 Mildmay Road, Islington, N.
1886 May 18.	{ *TEMPLETON, EDWIN ARTHUR SLADE, M.A. (<i>Dubl.</i>)	{ Public Works Dept., Kingston, Jamaica.
1909 Apr. 6.	{ TENNANT, MATTHEW PETTI- GREW	{ Mechanical Dept., Ministry of Public Works, Cairo, Egypt.
1911 Dec. 5.	*TERRELL, GEORGE GLYNN ..	P.W.D. Dacca, E. Bengal, India.
1910 Feb. 1.	*TERRELL, HUGH	Grove Mount, Pudsey.
1897 Apr. 6.	*TERRY, ALFRED JOHN	Elswick Works, Newcastle-on-Tyne.
1911 Apr. 7.	{ TERRY, GEORGE SKELTON, B.Sc. (Engineering) (<i>Lond.</i>)	{ 16 Granville Road, Eastbourne.
1912 Dec. 3.	*TESSIER, LOTHIAN GORDON ..	{ Thos. Cook & Son, P.O. Box 78, Rangoon, Burma.
1913 Dec. 2.	*TEULON, OLIVER HENRY ..	{ 14 Fair View, Dalton-in-Furness, Lancs.
1910 Jan. 11.	THACKERAY, HENRIK	{ 69 Merchants' Exchange, Cardiff.
1907 Dec. 3.	{ *THAIN, THOMAS EDWARD, B.Sc. (Engineering) (<i>Lond.</i>)	{ Royal Agricultural College, Ciren- cester.
1902 Apr. 8.	THAIN, WILLIAM ARTHUR ..	129 Lewisham Rd., Lewisham, S.E.
1907 Feb. 5.	*THATCHER, IVAN JAMES ..	Str. Stefan Mihailcanu 5, Bucarest Rumania.
1913 Jan. 14.	{ *THIEME, HERMANN CARL ANTON, B.Sc. (Engineering) (<i>Lond.</i>)	{ Grindlay, Groom & Co., Bombay.
1905 Dec. 5.	{ *THISELTON-DYER, GEORGE HENRY, M.A. (<i>Cantab.</i>) ..	{ Metropolitan Water & Sewerage Board, Brisbane, Queensland.
1911 Dec. 5.	{ THOM, GORDON WILLIAM, M.C.E. (<i>Melbourne</i>)	{ Holyrood House, Loni Kalbhor, Poona District, India.
† 1905 Apr. 4.	THOMAS, ANDREW	{ Macaulay Lodge, Bandra, Bombay, India.
1912 Jan. 9.	THOMAS, ANDREW LOWE ..	Res. Engr., Naval College, Jervis Bay, N.S.W.
1899 Dec. 5.	THOMAS, ARTHUR EDMUND ..	{ *THOMAS, ARTHUR WILLIAM, B.Sc. (<i>Bristol</i>)
1913 Apr. 1.	{	Nagerecoil, Travancore, India.

Date of Election.	ASSOCIATE MEMBERS.	
1881 May 31.	THOMAS, CHARLES NEUMANN..	{c.o. Royal Colonial Institute, Northumberland Avenue, W.C.
1896 May 5.	THOMAS, DAVID PROSSER ..	{The Gables, Llantwit Vardre, Pontypridd.
1912 Apr. 2.	THOMAS, DAVID STANLEY ..	{Pleasant View, Rhyddings, Neath.
1907 Mar. 5.	*THOMAS, FRED, M.Sc. (Victoria)	{Bloomfield, Ashton Lane, Sale Manchester.
1899 Dec. 5.	{*THOMAS, HUBERT ROBERT, B.Sc. (Victoria)}	{Edwin Richards & Sons, Portway Works, Wednesbury.
1890 Dec. 2.	THOMAS, JOHN	{14 Fisher Street, Swansea.
1896 Dec. 1.	THOMAS, JOHN FREDERICK IVOR	{Vickers, Ltd., 20 Bleury Street, Montreal.
1860 May 22.	THOMAS, JOSEPH LEE	{2 Hanover Terrace, Ladbrooke Sq., W.
1909 Dec. 7.	{*THOMAS, MARTIN LEWIS, B.Sc. (Engineering) (Lond.)}	{42 Maison Dieu Road, Dover.
1902 Dec. 2.	*THOMAS, PERCY, M.Sc. (Victoria)	{Glenfield House, East Halton, Grimsby.
1905 Dec. 5.	THOMAS, REGINALD WILLIAM	{Kingsway, Woking.
1901 Apr. 2.	THOMAS, THOMAS GEORGE HOWES	{47 Victoria Street, S.W. (Westminster 5701.)}
1889 Dec. 3.	THOMAS, THOMAS JAMES ..	{Town Surveyor, Ebbw Vale, Mon.
1891 Mar. 3.	THOMAS, TREVOR FALCONER ..	{Greenhill, Whitechurch, Glam.
1902 Dec. 2.	*THOMAS, WILLIAM	{Bluebridge House, Halstead, Essex.
1887 Jan. 11.	{THOMAS, WILLIAM EDMOND CLASON}	{Brynhafod, Neath, South Wales.
1910 Apr. 5.	{THOMAS, WILLIAM NORMAN, B.Sc. (Lond.)}	{Civil Engineering Dept., The University, Birmingham.
1883 May 29.	THOMPSON, ALBERT GEORGE ..	{4 Strathmore Gardens, Bognor.
1914 Apr. 7.	{*THOMPSON, BERNARD VALENTINE}	{Doe Royd, Wadsley Bridge, Sheffield.
1907 Feb. 5.	THOMPSON, CLARENCE EDWARD	{Grindlay & Co., 54 Parliament Street, S.W.
1911 Dec. 5.	THOMPSON, FREDERICK WILLIAM	{67 Victoria Road, Northampton.
1913 Dec. 2.	{*THOMPSON, GEOFFREY BARRY POOLE}	{6 Park Avenue, Barrow-in-Furness.
1914 Apr. 7.	THOMPSON, GEORGE ARCUS ..	{32 Riversdale Terrace, Sunderland.
1895 Dec. 3.	*THOMPSON, JOHN	{Rose Hill, Immingham, near Grimsby.
m † 1883 Feb. 6.	*THOMPSON, JOHN AUGUSTUS ..	{4 Lloyd's Avenue, E.C. (Avenue 1033.)}
1894 Mar. 6.	{*THOMPSON, JOHN EDWARD OAKES}	{31 Whitefield Road, Stockton Heath, Warrington.
1908 Feb. 4.	*THOMPSON, MICHAEL STEPHEN	{14 Oakley Square, N.W.
1906 Jan. 9.	{*THOMPSON, PETER ANTHONY, B.A. (Cantab.)}	{Humpage, Thompson & Hardy, Jacob Street, Bristol.
1914 Feb. 3.	THOMPSON, RICHARD SAMUEL	{Otago Harbour Board, Dunedin, New Zealand.
1907 Apr. 9.	THOMPSON, ROBERT MILNE ..	{Masonic Temple, Saskatoon, Canada.
† 1893 Apr. 11.	THOMPSON, ROBERT WILLIAM	{St. Thomé, Madras.
m f † 1904 Apr. 19.	*THOMPSON, WAUDE	{Town Hall, Burton-on-Trent.
1888 May 15.	THOMPSON, WILLIAM	{84 Regent's Park Road, N.W.
t † 1886 Dec. 7.	{THOMPSON, WILLIAM MANN, M.A., B.E. (Sydney)}	{Tongarra, via Albion Park, New South Wales.
1910 Apr. 5.	THOMSON, ALAN CHICHESTER..	{Town Hall, Tunbridge Wells.
1911 Feb. 7.	{*THOMSON, DAVID HALTON, M.A. (Cantab.)}	{Engr.'s Office, Waterworks Co., Commercial Road, Portsmouth.
1900 Apr. 3.	THOMSON, GEORGE	{21 Ennismore Avenue, Chiswick, W.
1912 Feb. 6.	THOMSON, HEDLEY JEFFREYS	{Dunlaster, Wilson Street, Craigie, Perth.
1904 Apr. 12.	THOMSON, HUGH ALEXANDER	{22 Rutland Square, Edinburgh.
1889 Jan. 8.	THOMSON, JAMES	

Date of
Election.

ASSOCIATE MEMBERS.

1914 Apr. 7.	*THOMSON, JAMES BLACK	Public Offices, Southall, Middlesex.
1911 Dec. 5.	THOMSON, JOHN, B.Sc. (<i>Glas.</i>)	11 Clydeford Drive, Uddingston, N.B.
1912 Dec. 3.	THOMSON, JOHN	22 Ashen Grove, Wimbledon, S.W.
1907 Dec. 3.	{ *THORBURN, JOHN MILNE, B.Sc. (<i>Edin.</i>) }	Strick, Scott & Co., Ltd., Anglo-Persian Oil Co., Ltd., Mohammerah, Persian Gulf.
1876 May 30.	THORNE, ALFRED	7 Carteret Street, Westminster, S.W.
1900 Apr. 3.	THORNHILL, WALTER EDWARD	{ L. & N.W. Ry., Divl. Engr.'s Office, Permanent Way Dept., Crewe.
1893 Dec. 5.	*THORNTON, STANHOPE EVELYN	{ Sanctuary House, Tothill Street, Westminster, S.W.
1899 Dec. 5.	*THORNYCROFT, JOHN EDWARD	Caxton House, Westminster, S.W.
1904 Dec. 6.	*THORPE, ARTHUR NOEL	{ Killick, Nixon & Co., P.O. Box 109, Fort, Bombay.
1890 Jan. 14.	THORPE, WILLIAM HENRY	{ 60 Winsham Street, Clapham Com- mon, S.W.
1902 Feb. 4.	{ *THRELFALL, HAROLD SPENCER, M.Sc. (<i>Victoria</i>), M.Eng. (<i>Liverpool</i>) }	Easton Gibb & Son, Ltd., H.M. Dockyard, Rosyth.
1898 Dec. 6.	{ *THRING, LEONARD GODFREY PINNEY, B.A. (<i>Cantab.</i>) .. }	Fen Ditton Hall, Fen Ditton, Cam- bridge.
✠ 1889 Feb. 5.	*THRUPP, EDGAR CHARLES	{ Box 208, Kamloops, British Columbia.
1913 Dec. 2.	{ *THWAITES, RICHARD ALAN STUART, B.Sc. (<i>Engineering</i>) (<i>Lond.</i>) }	10 Alexandra Road, Bedford.
1889 Dec. 3.	TICKELL, GEORGE TEMPLER	P.W.D., Taiping, Perak, F.M.S.
1893 Feb. 7.	TIDD, ERNEST GEORGE	68 Gordon Street, Glasgow.
1890 Dec. 6.	*TIDDEMAN, EDMUND SPENSER	{ Woodend, Woodland Avenue, Great Nelson, Hornchurch, Essex.
1911 Dec. 5.	{ *TIDSWELL, HUBERT ROYDS, B.Sc. (<i>Engineering</i>) (<i>Lond.</i>) }	San Pedro de Jujay, F.C.C.N., Argentina.
1896 Dec. 1.	TIFFIN, THOMAS EDWARD	Council Offices, Dartford, Kent.
1867 Dec. 3.	TIJOU, WILLIAM	{ 52 Tavistock Terrace, Tufnell Park, N.
1893 May 16.	*TILL, GUY LAURENCE	City Surveyor's Office, Birmingham.
1889 Apr. 2.	*TIMMINS, ARTHUR	Bridgewater Foundry, Runcorn.
1896 Mar. 3.	TIMMINS, THOMAS	{ Dorman, Long & Co., Mony St., South Melbourne, Victoria.
1911 Jan. 10.	*TIMMIS, FRANK WOOLLASTON	{ Rio Tinto Co., Ltd., Rio Tinto, Prov. de Huelva, Spain.
1890 May 20.	{ TIMONOFF, Professor VSEVOLOD DE }	Rue Chirovaia 10, Tsarskoe Selo, St. Petersburg.
1909 Dec. 7.	{ *TINDALL, CUTHBERT, B.A. (<i>Cantab.</i>) }	c/o H. E. Tindall, Arnside, Chisle- hurst, Kent.
1875 Mar. 2.	*TINTORER GIBERGA, JOSE	Claris 32, Barcelona, Spain.
1904 Apr. 12.	*TISDALL, ALFRED DOUGLAS	Chevin, West Byfleet, Weybridge.
1909 Mar. 2.	{ TISDALL, HERBERT GEORGE, B.Sc. (<i>Engineering</i>) (<i>Lond.</i>) }	67 Worpole Road, Wimbledon, S.W.
1914 Mar. 3.	{ *TIVEY, JOHN PROCTOR, B.Sc., B.E. (<i>Sydney</i>) .. }	Australian G.E. Co., 217 Clarence Street, Sydney, N.S.W.
1887 Jan. 11.	TIVOLI, JOSEPH WILLIAM DE	Tezpur - Balipara Ry., Tezpur, Assam.
1904 Apr. 12.	TOD, JAMES COX, B.Sc. (<i>Edin.</i>)	{ 6 Blinkbonny Crescent, Craigleith, Edinburgh.
1913 Feb. 4.	*TOD, WILLIAM LENNOX	23 Lennox Street, Edinburgh.
1908 Dec. 1.	TODD, JOHN CHARLES	{ La Carlota, Buenos Aires and Pacific Ry., Argentina.
1906 Apr. 3.	TODD, JOHN SHERWOOD	Engr.'s Office, G.E. Ry., Stratford.
1890 May 20.	TODD, WILLIAM HENRY	Land of Green Ginger, Hull.
1901 Mar. 5.	*TOLHURST, PHILIP WALMESLEY	Glen View, Gravesend.
1896 May 5.	TOMES, GEORGE BRUCE	District Council, Mortlake, S.W.

Date of Election.	ASSOCIATE MEMBERS.	
1910 Feb. 1.	{*TOMLINSON, ALFRED, M.Sc. (Manchester & W. Australia)}	The University, Perth, W. Australia.
1903 Apr. 7.	*TOMLINSON, JOHN WILLIAM ..	Town Hall, Luton.
1896 Dec. 1.	*TONGE, HAROLD ASHETON ..	{5 Brendon House, Great Woodstock Street, W.
1897 Mar. 2.	*TONGE, JOHN HENRY	Ash Grove, Nooklands, Preston.
1881 May 31.	TONKIN, WALTER WILLIAM ..	{16 Endymion Road, Brixton Hill, S.W.
1912 Apr. 2.	TONKS, HERBERT JOE	Heath Villa, Willenhall.
1892 Dec. 6.	{TOOKER, HUGH POLLOCK, B.E. (Queen's)}	{Capt. Tooker, R.N., Chynoweth, Koksilah P.O., Vancouver Island, B.C.
1893 Mar. 7.	{*TOOTH, STANLEY, M.A. (Cantab.)}	Clare Grange, Ashburnham Road, Eastbourne.
✦ 1885 Dec. 1.	*TOPHAM, FRANCIS DAVID ..	Chartered Bank of India, Bombay.
1899 Dec. 5.	*TOPHAM, THOMAS EDWARD ..	{Widgeon, Ridge Road North, Durban, Natal.
1906 Apr. 3.	{*TOPLEY, JOHN WHITEMAN, MORLAND}	38 Victoria Street, S.W.
1873 Dec. 2.	*TOPLIS, FREDERICK	60 Crouch Hill, N.
1890 Dec. 2.	TOUCHON, AUGUSTE	{Alto de Theresopolis, Estado do Rio, Brazil.
1906 Dec. 4.	*TOVEY, HARRY TURNER ..	{Fairlawn, Ashwood Road, Woking, Surrey.
1894 Dec. 4.	TOWLSON, SAMUEL	District Council, Sevenoaks.
1908 Dec. 1.	TOWNER, HARRY VENUS ..	P.W.D., Singapore, S.S.
1900 Jan. 9.	{TOWNSEND, EDWARD HUME, B.A.I. (Dubl.)}	L. & N.W. Ry., Res. Engr.'s Office, Nuneaton.
1875 Jan. 12.	*TOWNSEND, FRANCIS EDWARD	{Forthill House, Enniskillen, Ireland.
1912 Feb. 6.	*TOWNSHEND, EDMUND GEORGE	{Asst. Loco. Supt., North-Western Ry., Karachi, India.
1904 Apr. 19.	TOZER, WILLIAM HENRY ..	1 Exmouth Villas, Hampton Hill.
1913 Apr. 1.	*TRADEWELL, ARTHUR	{Water Engr.'s Office, Castle Boule- vard, Nottingham.
1893 Feb. 7.	TRAVERS, THOMAS PATRICK ..	Gasworks, Cork.
1908 Dec. 1.	TRAVERS, WALTER HENRY ..	Egremont, Birkenhead.
1908 Apr. 7.	TREACHER, EDWIN	{Engr.'s Office, L. & S.W. Rly., Waterloo Station, S.E.
1911 Jan. 10.	*TRECHMANN, HARRY KRAMER	{Voigt & Haefner (England), Ltd., Darwin Works, Highgate Park, Birmingham.
1906 Jan. 9.	*TREDCROFT, ARTHUR FRANCIS	{Campbell River, Vancouver Island, B.C.
1904 Jan. 12.	TREMELLING, HUBERT	{Borough Engineer's Office, Newport, Mon.
1908 Apr. 7.	*TREMLETT, PERCY MERVYN ..	{G.W. Ry., Engr.'s Office, Llangyfe- lach, Swansea.
1908 Feb. 4.	{TRENCH, WILLIAM LAUNCELOT CROSBIE, B.A., B.A.I. (Dubl.)	Hillbury, Greystones, co. Wicklow.
1897 Feb. 2.	TRENCHARD, HENRY GOTTREUX	{Paul's Chambers, Bolton Street, Newcastle, N.S.W.
1909 Apr. 6.	{TRESILIAN, ALBERT STEWART, B.A.I. (Dubl.)}	11 Cromwell Road, Rugby.
1905 Dec. 5.	{*TRESSLER, KARL THEODORE BERTHOLD, B.Sc. (Lond.) ..}	Madras Club, Madras, India.
1894 Dec. 4.	TRESTRAIL, NICHOLAS	Claremont Road, Redruth.
1907 Dec. 3.	{*TREVOR-ROBERTS, ARTHUR, B.Sc. (Victoria)}	2 Oak Park, Dawlish, Devon.
1899 Dec. 5.	TREW, GEORGE HARRY MALE	H.M. Naval Station, Cromarty.
W ✦ 1905 Mar. 7.	{*TREWBY, ARTHUR, M.A. (Cantab.)}	{Fenton House, The Grove, Hamp- stead Heath, N.W.

Date of Election.		ASSOCIATE MEMBERS.	
	1909 Dec. 7.	*TREWHEELER, ANATOLE	P.W.D., Taiping, Perak, F.M.S.
	1881 May 31.	TRIER, FRANK HENRY JULIUS	Caxton House, Westminster, S.W.
+	1894 Mar. 6.	TRIFFITT, JOHN	N.E. Ry., Engr.'s Office, York.
	1899 Dec. 5.	{*TRIMMINGHAM, NORMAN STEWART PAGET}	Topham, Jones & Railton, Ltd., Singapore, S.S.
	1910 Apr. 5.	{*TRIMMER, GEORGE WILLIAM ARTHUR}	
	1907 Apr. 23.	*TRIPP, GEORGE WALTER ..	Royal Carriage Dept., Royal Arsenal, Woolwich, S.E.
	1912 Apr. 2.	{*TRIPP, WILLIAM HOWARD SANDBERG}	Armstrong Naval Yard, Sir W. G. Armstrong, Whitworth & Co., Ltd., Walker-on-Tyne.
	1892 Apr. 5.	*TRISTRAM, CHARLES FRANCIS	Co. Mrs. Tristram, 146 Worple Road, Wimbledon, S.W.
	1911 Dec. 5.	*TRODD, JOHN WILLIAM ..	Engr.'s Dept., Town Hall, Leyton, E.
	1904 Dec. 6.	TROLLOPE, HENRY CRACROFT	Government Offices, Bloemfontein, O.R.C.
	1910 Dec. 6.	*TROUGHTON, HENRY JAMES ..	London United Tramways, Ltd., 74 High Road, Chiswick, W.
	1898 Apr. 5.	TROUNSON, JOHN CARDELL ..	Municipal Offices, Plymouth.
	1914 Jan. 13.	*TROWER, RICHARD GILSON ..	Holmesthorpe, Redhill, Surrey.
	1901 Dec. 3.	*TRUESHAW, CHARLES KENNETH	Engineer's Office, Midland Railway, Derby.
	1913 Feb. 4.	*TRUMP, PHILIP	Federal Hill, Kuala Lumpur, Selan- gor, F.M.S.
	1908 Jan. 14.	TUCK, DOUGLAS	Hotel Victoria, Tampico, Mexico.
m	1897 Apr. 6.	*TUCKER, PIERCE JOSEPH ..	Fairlawn, Molescroft, Beverley.
	1892 May 3.	TUCKER, ROBERT BOUCHER ..	39 Hyde Vale, Greenwich, S.E.
	1901 Feb. 5.	{TUCKEY, WILLIAM ROBINSON TOWNSEND, B.E. (Royal) ..}	Cowichan Station, Vancouver Island, B.C.
f m	1911 Dec. 5.	*TUDSBERY, HENRY TUDSBERY	(Co. J. H. T. Tudsbury, D.Sc., 100 St. George's Square, S.W.
t *	1882 Feb. 7.	*TUFNELL, CARLETON FOWELL	Iver, Kenley, Surrey.
	1913 Feb. 4.	*TUNNICLIFFE, FELIX DUNCAN	Stone Leigh, New Street, Pudsey, near Leeds.
	1894 Dec. 4.	TURLEY, ARTHUR CLIFFORD ..	City Surveyor, Canterbury.
	1890 Dec. 2.	*TURNBULL, NICHOLAS KING ..	3 York Street, Manchester.
	1905 Apr. 11.	{*TURNBULL, WALTER ALEX- ANDER}	Electrical Engineer, Town Hall, Aylesbury.
	1912 Dec. 3.	{*TURNBULL, WILLIAM GOVER B.Sc. (Edin.)}	19 Station Road, Shotts, Lanark- shire.
	1911 Dec. 5.	*TURNER, ARTHUR MITCHELL	Sefton View, Maghull, Liverpool.
	1908 Apr. 7.	TURNER, FRANK	Mechanical Engineering Dept., Woolwich Arsenal, Woolwich.
	1873 May 20.	TURNER, FRANK DE MIERRE ..	Oporto, Portugal.
	1909 Dec. 7.	{*TURNER, FRED, B.Sc. (Engineer- ing) (Lond.)}	Borough Engr.'s Office, Town Hall, Morley.
	1910 Apr. 5.	TURNER, HAROLD GEORGE ..	43 Heath Drive, Gidea Park, Rom- ford.
	1884 Dec. 2.	*TURNER, JOHN HARRISON ..	Co. F. L. Turner, London Hydraulic Power Co., Hatfield Street, S.E.
	1913 Apr. 22.	*TURNER, JOHN HENRY ..	48 Ripley Road, Belvedere, Kent.
	1913 Dec. 2.	*TURNER, JOSEPH WILLIAM ..	Borough Engr.'s Office, Southend- on-Sea.
	1906 Dec. 4.	{TURNER, PERCIVAL WILBER- FORCE}	Okura & Co., Dalny, South Man- churia, North China [via Siberia].
	1906 Jan. 9.	*TURNER, SYDNEY GEORGE ..	51 The Vineyard, Richmond, Surrey.
	1904 Apr. 12.	*TURNER, VINCENT	Surveyor, Town Hall, Bilston, Staffs.
	1908 Dec. 1.	*TURNALL, RICHARD HENRY ..	Torrington, N. Devon.
	1906 Apr. 3.	TWEEDIE, JOHN	11 Forest Road, Edinburgh.

Date of Election.	ASSOCIATE MEMBERS.	
in 1875 Mar. 2.	*TWEEDIE, WILLIAM	{The Porto Alegre Ry., 110 Cannon Street, E.C.
1894 Feb. 6.	TWIDDY, JAMES HANDFIELD ..	{Mines Dept., Box 1132, Johannesburg.
in † 1893 Apr. 11.	*TWINBERROW, JAMES DENIS ..	{15 Regent Terrace, Gateshead-on-Tyne.
1912 Dec. 3.	*TYABJI, SALMAN BUDRUDIN ..	{P.W.D., Bombay.
in † 1904 Mar. 1.	*TYACK, ARTHUR HENRY	{Warwick Arms Hotel, Warwick.
1910 Jan. 11.	*TYACK, EDGAR JAMES	{Government Railways, Mannar Extension, Pesalai, Ceylon.
1905 Dec. 5.	TYERS, ALEXANDER MACKENZIE	{Bright, Victoria.
1902 Feb. 4.	*TYLEY, FREDERICK JOHN ..	{Divl. Engr.'s Office, G.W. Ry., Taunton.
1894 Dec. 4.	TYRRELL, JAMES HENRY ..	{5 Gloucester Road, Redhill.
1905 Apr. 4.	TYSON, JOHN	{Town Hall, Leicester.
1895 Dec. 3.	*UMNEY, HERBERT WILLIAMS ..	{1 Mowbray Road, Norwood, S.E.
1908 Dec. 1.	{UNDERWOOD, WALTER JOHN, Capt. R.A. (ret.)	{51 Creffield Road, Acton, W.
1893 Dec. 5.	{*UNDERWOOD, WILLIAM ELPHINSTONE	{Asst. Res. Eng., C.S.A. Rys., Bloemfontein, O.R.C.
1904 Apr. 12.	{*UNNA, PERCY JOHN HENRY, B.A. (Cantab.)	{47 Victoria Street, S.W.
1910 Feb. 1.	UNWALA, FRAMROZE RUSTOMJIE	{P.W.D., Thana, Bombay, India.
1870 Dec. 6.	UNWIN, HERBERT	{Arle Court, nr. Cheltenham, Glos.
1905 Jan. 10.	*UNWIN, HOWARD BUCKLEY ..	{P.W.D., Secondee, Gold Coast, W. Africa.
1902 Dec. 2.	UNWIN, WILFRID PEYTO ..	{419 Pacific Building, 744 Hastings Street, W., Vancouver, B.C.
1910 Apr. 5.	*UPTON, SYDNEY	{Aanleg Lijn Cheribon Kroja, Propeok, Tegal, Staatspoorwegen op Java.
1912 Jan. 9.	*URE, ROBERT, B.Sc. (Glas.) ..	{15 Ross Avenue, Cardonald, Glasgow.
1909 Dec. 7.	*URIE, DAVID CHALMERS ..	{Mechanical Engr.'s Dept., L. & S.W. Ry., Eastleigh, Hants.
1908 Apr. 7.	URIE, JAMES JOHNSTONE ..	{Anglo-Chilian Nitrate & Ry. Co., Tocopilla, Chile.
1913 Feb. 4.	{*URQUHART, GEORGE, B.Sc. (Engineering) (Lond.)	{c.o. 11 Luttrell Avenue, Putney, S.W.
1913 Dec. 2.	URQUHART, JAMES	{Radcliffe, Kyle Park, Uddingston, Lanarkshire.
1908 Dec. 1.	{*UTTLEY, JAMES ARTHUR, M.Sc. (Manchester)	{29 Bamford Road, Didsbury, Manchester.
1884 Dec. 2.	*VACHELL, THEODORE	{34 Bridge Street, Newport, Mon.
1879 Mar. 4.	*VACHER, HERBERT PERKINS ..	{Wayford, Edgar Road, Winchester.
1913 Dec. 2.	VALLET, LOUIS JOSEPH ADOLPHE	{Curepipe, Mauritius.
1910 Jan. 11.	VAN TWEST, JOHN TAYLOR ..	{P.W.D., Colombo, Ceylon.
1905 Dec. 5.	VAREY, JAMES ARTHUR ..	{Public Works Dept., Georgetown, British Guiana.
† 1858 Dec. 7.	VARLEY, SAMUEL ALFRED ..	{Arrow Works, Jackson Road, Holloway, N.
1908 Feb. 4.	*VARVILL, MICHAEL NOEL ..	{Grindlay, Groom & Co., Bombay.
1892 Dec. 6.	VASSALLO, ANDREA	{108 Str. Sta. Lucia, Valletta, Malta.
1902 Jan. 14.	{*VAUGHAN, CEDRIC GEORGE, M.A. (Cantab.)	{Hodbarrow Mines, Millom, Cumberland.
† 1902 Feb. 4.	{*VAWDREY, ROBERT WILLIAM, B.A. (Cantab.)	{The Patent Indented Steel Bar Co., Ltd., Queen Anne's Chambers, S.W.

Date of
Election.

ASSOCIATE MEMBERS.

1914 Feb. 3.	*VEITCH, WILLIAM MARTIN ..	46 Central Avenue, Toronto, Canada.
1909 Apr. 6.	*VENABLES, ARTHUR JOHN ..	{ c.o. W. Venables, 4 Chartfield Avenue, Putney, S.W.
1906 Jan. 9.	*VENABLES, ARTHUR VINCENT	{ East Indian Ry., Calcutta.
1894 May 1.	VENN, ERNEST GALE	{ 4 Richmond Road, Littleham, Exmouth.
1899 Jun. 10.	{ *VENTERS, WILLIAM BEATTIE, B.Sc. (<i>Glas.</i>)	{ Assam-Bengal Ry., Chittagong. India.
1878 Apr. 2.	*VENTRIS, ARTHUR	160 Buckingham Palace Road, S.W.
1888 May 1.	{ *VERDON, ARTHUR LAWRENCE, RIDLEY	{ Conservative Club, St. James's Street, S.W.
1893 Feb. 7.	{ *VEREKER, FREDERICK JAMES, WELLINGTON	{ Cork, Bandon & S.C. Ry. Co., Engineer's Office, Bandon.
1905 Dec. 5.	VERLEY, JAMES CECIL LIONEL	{ Engineer to the Municipality, Karachi, India.
1895 Mar. 5.	*VERNET, CHARLES CONSTANT	Ringling, Montana, U.S.A.
1907 Apr. 9.	VIAL, HAROLD FRANK	{ Croslands Park, Furness Abbey, Barrow-in-Furness.
1891 Dec. 1.	VIBART, GEORGE	{ Dharwar, Bombay Presidency, India.
1909 Jan. 12.	{ *VICKERMAN, HUGH, M.Sc. (<i>New Zealand</i>)	{ P.W.D., Wellington, New Zealand.
1893 Dec. 5.	*VIGERS, ARTHUR EVAN	{ 38 Victoria St., S.W. (Victoria 5853.)
1910 Dec. 6.	VINCENT, ERNEST EDWARD LEE	44 Caterham Road, Lewisham, S.E.
1897 Mar. 2.	*VINCENT, SAMUEL JOSEPH LEE	Borough Surveyor, Newbury.
1914 Apr. 7.	VINEY, ALBERT WILLIAM ..	3 Tor Terrace, Gourock, N.B.
1894 Jan. 9.	{ VIQUEIRA, JOSÉ LOPEZ-CORTON, B.A. (<i>Madrid</i>)	{ Avenida da Cunovas 13, Tranvia Electrical de Mondariz, Vigo, Spain.
1887 Jan. 11.	*VOGAN, HAROLD SEBASTIAN ..	{ Divisional Eng., Govt. Rys., Newcastle, N.S.W.
1910 Apr. 19.	{ *VOGEL, HENRY ERNEST, THEODORE	{ Leopoldina Railway Co., Caixa 291, Rio de Janeiro, Brazil.
1911 Mar. 7.	{ *VOKES, FRANK CHARLES, B.Sc. (<i>Engineering</i>) (<i>Lond.</i>)	{ 1 Turville Road, Handsworth, Birmingham.
✠ 1902 Jan. 14.	{ VOLLMER, GEORGE FREDERICK, M.Sc. (<i>Victoria</i>)	{ P.O. Box 1163, North Bay, Ontario.
✠ 1887 Dec. 6.	*WACKRILL, ALFRED EDWARD	{ 13 Briardale Gardens, Hampstead, N.W.
1911 Apr. 11.	*WADDELL, ALLAN	{ Morrison & Mason, Ltd., H.M. Dockyard, Portsmouth.
1888 Feb. 7.	*WADDELL, GEORGE	P.W.D., Ratnapura, Ceylon.
1883 Dec. 4.	*WADDINGTON, RICHARD ..	16 Finsbury Circus, E.C.
1894 May 1.	*WADE, HENRY JAMES SEATON	P.W.D., Accra, Gold Coast, W. Africa.
1900 Mar. 6.	WADE, ROWLAND, B.A.I. (<i>Dubl.</i>)	Downshire Road, Newry, co. Down.
1896 Mar. 3.	WADE, WILLIAM REGINALD ..	{ 55 Lightburne Avenue, St. Ann's-on-Sea, Lancs.
1898 Dec. 6.	WADLEY, ALFRED JOHN	{ Civil Lines, Peshawar, N.W.F. Province, India.
1894 Mar. 6.	WAGSTAFF, WILLIAM HENRY	57 Salter Gate, Chesterfield.
1898 Dec. 6.	WAINWRIGHT, JOHN WILLIAM	Canal Foundry, Roorkee, U.P., India.
1906 Dec. 4.	{ WAINWRIGHT, WALTER HEP- BURN	{ Burgh Engr.'s Office, 1 Parliament Square, Edinburgh.
1909 Feb. 2.	*WAITE, GEORGE ARTHUR ..	Borough Surveyor's Office, Rochdale.
1909 Apr. 6.	WAITHMAN, CHARLES HAROLD	{ Urban Council Offices, Town Hall, Cleethorpes, Lincs.
1888 Apr. 10.	WALDRON, FRANK WILLIAM ..	Mossel Bay, Cape Colony.

	Date of Election.	ASSOCIATE MEMBERS.	
	1909 Apr. 6.	WALDRON, FREDERIC BARNES	122 Oxford Street, St. Helen's, Lancs.
	1905 Dec. 5.	*WALES, CHARLES WALTER ..	{ Engr.'s Office, Bombay Port Trust Bombay. [Lyne.
	1905 Jan. 10.	*WALES, WILLIAM ARTHUR ..	Electricity Works, Ashton-under-
m	1896 May 19.	*WALES, WILLIAM GARNEYS ..	Bodmin, Cornwall.
+	1897 Apr. 6.	WALKER, ALBERT HARRY ..	Borough Surveyor, Loughborough.
	1888 Dec. 4.	WALKER, ALEXANDER ..	2 Tring Avenue, Ealing Common, W.
	1906 Apr. 3.	WALKER, ALFRED JAMES ..	{ Municipal Technical Institute, West Ham, E.
	1904 Apr. 12.	WALKER, CHARLES CLEMENT	{ Lilleshall, Bishopswood Road, Highgate, N.
	1903 Jan. 13.	{ WALKER, CYRIL TURNER, B.Sc. (Edin.) }	c.o. Thos. Cook & Son, Ludgate
	1911 Mar. 7.	*WALKER, EDWARD GEORGE ..	337 Beverley Road, Hull.
	1910 Apr. 19.	*WALKER, FRANCIS HENRY ..	The Poplars, Headingley, Leeds.
	1910 Dec. 6.	*WALKER, FRANK EGERTON ..	Maisonette, Leiston, Suffolk.
	1907 Feb. 5.	*WALKER, GEORGE	South End, Penarth.
	1904 Apr. 12.	WALKER, GEORGE DUTTON ..	{ City Surveyor's Office, Town Hall Manchester.
	1906 Dec. 4.	{ *WALKER, GILBERT, B.A. (Oxon.) }	
	1908 Apr. 7.	WALKER, HERBERT	32 Clyde Road, Croydon.
+	1901 Apr. 2.	{ WALKER, HORATIO EDGAR DAWSON }	G.N. Ry., Engr.'s Dept., King's
	1908 Dec. 1.	WALKER, JAMES	Cross, N.
	1913 Mar. 11.	{ *WALKER, JAMES SCARLETT ASCROFT }	44 Duke's Avenue, Muswell Hill, N
	1900 Dec. 4.	*WALKER, JOAH HAIGH	{ Port of London Authority, Res. Engr.'s Office, New South Albert Dock, North Woolwich, E.
	1910 Jan. 11.	WALKER, JOHN	7 Outram Road, Croydon.
	1892 Apr. 5.	WALKER, JOSEPH ROBERT ..	Caixa 711, Rio de Janeiro.
	1905 Apr. 4.	WALKER, LEWIE DEWAR ..	{ Dept. of Public Works, Sault Ste. Marie, Ontario.
	1891 Dec. 1.	*WALKER, MURRAY	Walker Bros., 36 Basinghall St., E.C.
	1904 Apr. 12.	WALKER, NORMAN DE COURCY	{ Minnesota & Ontario Power Co., P.O. Box 441, International Falls, Minn., U.S.A.
	1891 Dec. 1.	{ *WALKER, ROBERT, B.E. (Royal) }	17 South Mall, Cork.
	1900 Dec. 4.	*WALKER, ROBERT WILLIAMSON	3 Golden Square, Aberdeen.
	1904 Dec. 6.	WALKER, SAMUEL, B.E. (Royal)	Mardan, N.W.F. Province, India.
	1912 Jan. 9.	*WALKER, WILFRED THOMAS ..	Hagensborg, B.C., Canada.
	1889 Dec. 3.	WALKER, WILLIAM	{ Lansdowne Crescent, Hobart, Tas- mania.
	1896 Feb. 4.	WALKER, WILLIAM DOUGLAS ..	{ Almondbury, Ben Boyd Road, Neu- tral Bay, North Sydney, N.S.W.
+	1895 May 21.	WALKER, WILLIAM GEORGE ..	{ Emery Hill Street, Westminster, S.W. (Versuchen, London.)
	1875 Dec. 7.	*WALKER, ZACCHEUS	Fox Hollies Hall, nr. Birmingham.
	1909 Apr. 6.	{ WALL, THOMAS FREDERICK, D.Sc. (Victoria) }	The University, Edgbaston, Bir- mingham.
	1882 May 23.	*WALLACE, LAWRENCE AUBREY	{ Government House, Livingstone, N.W. Rhodesia.
	1904 Dec. 6.	{ WALLACE, ROBERT CATHER- WOOD }	C.S.A. Rys., Engr.'s Office, Pretoria.
	1895 Dec. 3.	WALLACE, WILLIAM CARLILE	203 Greenwich Street, New York.
	1904 Jan. 12.	{ WALLACE, WILLIAM MAC- GREGOR }	The Technical College, Bradford.
	1893 Mar. 7.	*WALLER, ARTHUR HERBERT ..	{ Chief Engr.'s Dept., B., M. & R. Rys., Bulawayo, Rhodesia.
	1895 May 21.	*WALLER, BERTRAM BRAUND ..	Phoenix Ironworks, Stroud, Glos.

Date of
Election.

ASSOCIATE MEMBERS.

1896 Dec. 1.	WALLER, RICHARD FITZARTHUR	Lieska, Puckane, co. Tipperary.
1879 Feb. 4.	WALLNUTT, RICHARD	{co. H. S. King & Co., 9 Pall Mall S.W.
1907 Mar. 5.	*WALMSLEY, HAROLD	Atbara, Sudan.
1913 Feb. 4.	{*WALMSLEY, JAMES, B.A. (Cantab.)	New Hall, Waddington, Clitheroe, Yorks.
1883 Feb. 6.	{*WALROND, THEODORE CHARLES TROUBRIDGE	25 Victoria Street, S.W. (Logistics, London. Victoria 5052.)
m 1904 Jan. 12.	*WALSII, ARTHUR CLIFFE	{S. Pearson & Son, Ltd., Casilla 1004, Valparaiso, Chile.
1885 Feb. 3.	*WALSII, CHARLES ARROWSMITH	King, Hamilton & Co., Calcutta.
1911 Dec. 5.	{*WALTER, CHARLES EDWARD HERBERT LETHBRIDGE	Eastern Electric Co., 11 Queen Victoria Street, E.C. [N.W.]
1911 Apr. 4.	*WALTON, ARTHUR MOORE	Engr.'s Office, G.C. Ry., Marylebone, Main Drainage Works, Colombo, Ceylon.
m 1912 Mar. 5.	*WALTON, GEOFFREY FREDERICK	
1901 Dec. 6.	*WALTON, HORACE REGINALD ..	King, Hamilton & Co., Calcutta.
1907 Apr. 9.	WANS, OSWALD	Heighington, Lincoln.
1914 Feb. 3.	{WANSBROUGH, ALEXANDER SMILLIE	District Engr.'s Office, Railways, Wanganui, New Zealand.
1905 Apr. 4.	WARBRICK, PERCY	{co. Sir John Jackson, Ltd., 53 Victoria Street, S.W.
1903 Apr. 7.	{WARBURTON-STENT, HAROLD BARCLAY	Norfolk House, Hampton.
1911 Dec. 5.	WARD, ARTHUR MAURICE	{Chief Engr.'s Office, Nizam's Guaranteed State Rys., Secunderabad, Deccan, India.
1902 Dec. 2.	*WARD, ARTHUR WALBURGH ..	Borough Surveyor, Shrewsbury.
1892 Dec. 6.	WARD, ARTHUR W... ..	Shandon, Merton Road, Southsea.
1913 Apr. 22.	WARD, CECIL WALTER	17 Alma Road, Retford, Notts.
1904 Dec. 6.	*WARD, EBENEZER THOMAS ..	{European Commission of the Danube, Sulina, Roumania.
1891 Dec. 1.	*WARD, FREDERICK DARWENT	{42 Field Road, New Brighton, Birkenhead.
1902 Apr. 8.	WARD, GODFREY	23 Temple Row, Birmingham.
1908 Apr. 7.	{*WARD, HARRY BERNARD, M.Sc. (Victoria), M.Eng. (Liverpool)	16 Princes Avenue, West Kirby, Cheshire.
1906 Dec. 4.	{*WARD, HENRY PILKINGTON, M.Sc. (Victoria)	Sunnyside, Chatham Road, Whalley Range, Manchester.
1891 Dec. 1.	WARD, JAMES CARPENTER ..	Milford Docks, Milford Haven.
1892 May 24.	WARD, THOMAS	4 Grey Street, Wellington, N.Z.
1888 Dec. 4.	WARD, THOMAS HENRY	E.I. Ry., Giridih, India.
1913 Dec. 2.	{*WARD, WILLIAM (GEOFFREY), B.Sc. (Engineering) (Lond.)	70 Lavender Gardens, West Jesmond, Newcastle-on Tyne.
1884 Mar. 4.	*WARD, WILLIAM PETTIT	{Hayes Lane, Bromley Common Kent
1887 Dec. 6.	*WARDE, CHARLES PARRY ..	P.W.D., Saidpore, Bengal.
1877 Dec. 4.	*WARDLE, JAMES WILLIAM ..	311 Uttoxeter Road, Longton.
1911 Apr. 4.	WARDLEY, JOSEPH HARRY ..	Fair View, Chigwell Row, Essex.
1887 Dec. 6.	WARE, GEORGE WEBB	Wyadra, Kodaikanal, S. India.
1895 Dec. 3.	WARE, STANLEY DAWSON ..	{11 Connaught Avenue, Mutley, Plymouth.
1898 Dec. 6.	WARK, WILLIAM	{The Ridge, Knrrajong Heights, New South Wales.
m 1913 Feb. 4.	{*WARLOW, WALTER PROTHEROE, B.Sc. (Engineering) (Lond.), B.Sc. (Bristol) ..	Compania Aguas Corrientes, Casilla Correo 149, Bahia Blanca, Argentina.
1907 Apr. 9.	{*WARMINGTON, EDWARD STEPHEN, B.A. (Cantab.)	Hankow-Canton Ry., Hupei-Hunan Section, Hankow, China.
1888 Dec. 4.	WARNER, WILLIAM	Westwood, Clumber Rd., Nottingham.

Date of Election.	ASSOCIATE MEMBERS.	
1910 Feb. 1.	*WARRACK, JOHN, B.Sc. (<i>Glas.</i>)	{ Victoria Falls & Transvaal Power Co., Rosherville, Transvaal.
1909 Apr. 6.	WARRAND, WILLIAM CONNAL	{ Lentran, Bridge-of-Allan, N.B.
1897 Feb. 2.	*WARREN, HAROLD	{ 13 Harvey Road, Cambridge.
1885 May 19.	WARREN, WILLIAM	{ 1 Kensington Gardens Square, Hyde Park, W.
1908 Dec. 1.	WARREN, WILLIAM WALTER ..	{ Chance Bros. & Co., Ltd., nr. Birmingham.
1914 Jan. 13.	{ *WARTH, EDWIN FREDERICK, } B.Sc. (<i>Birmingham</i>)	{ Apartado 80, Las Palmas, Grand Canary.
1887 Dec. 6.	*WASEY, GEORGE KINDERSLEY	{ Wolfhall, Marlborough, Wilts.
1888 Jan. 10.	WATANABE, KAICHI, B.Sc. (<i>Glas.</i>)	{ 13 Omote-Sanchome, Akasaka, Tokio, Japan [<i>via</i> Siberia].
1899 Apr. 11.	{ WATERHOUSE, LAURENCE } MAXWELL	{ Brookdale, Manor Road, Teddington.
1904 Dec. 6.	{ *WATERMEYER, THEODORE } HEINRICH	{ Engr. - in - Chief's Office, South African Rys., Johannesburg.
1912 Feb. 6.	{ *WATERS, ARNOLD HORACE } SANTO	{ 60 Alexandra Road, Edgbaston, Birmingham.
1908 Feb. 4.	*WATERS, HORACE FRANK ..	{ 13 Milton Road, Cambridge.
1908 Dec. 1.	WATERS, REGINALD TOLVER ..	{ Tientsin - Pukow Ry., Southern Section, Nanking, China [<i>via</i> Siberia].
1912 Dec. 3.	*WATERS, ROGER DONALD ..	{ P.W.D., Khartoum, Sudan.
1895 Feb. 5.	{ WATHEN, HENRY ARTHUR } DOUGLAS	{ 9 Sutherland House, Cheniston Gardens, Kensington, W.
1885 Apr. 14.	WATKEYS, GEORGE	{ Goring Road, Llanelly.
1912 Apr. 2.	WATKIN, FRANCIS ANNESLEY	{ c.o.4 Polworth Road, Streatham, S.W.
1906 Dec. 4.	*WATKIN, RALPH	{ M. Ry., Engr.'s Office, Derby.
1895 Feb. 5.	WATKINS, STEPHEN	{ Ottowan Railway, Smyrna.
1910 Jan. 11.	{ *WATKINS, WYNDHAM EVELYN } HOLMES, B.Sc. (<i>Wales</i>) ..	{ 23 Gelliwastad Road, Pontypridd.
1901 Apr. 2.	{ *WATNEY, GERARD NORMAN, } M.A. (<i>Cantab.</i>)	{ Valence, Westerham, Kent.
1908 Dec. 1.	{ *WATNEY, WILLIAM HERBERT, } M.A. (<i>Cantab.</i>)	{ Parkfield, Handforth, Cheshire.
1908 Jan. 14.	WATSON, ALLAN GRIFFITHS ..	{ S.A. Rys., Kimberley, Cape Colony.
1906 Apr. 3.	WATSON, CECIL	{ A.B.C. Coupler, Ltd., Queen Anne's Chambers, Westminster, S.W.
1912 Dec. 3.	*WATSON, ERSKINE PHILIP ..	{ P.W.D., Karachi, India.
1912 Dec. 3.	*WATSON, FRANK ALEXANDER ..	{ 8 Darnley Road, Pollokshields, Glasgow.
1896 Dec. 1.	*WATSON, FRANK LESLIE ..	{ 11 Lyddon Terrace, Leeds.
1893 Dec. 5.	WATSON, FREDERICK MACKMAN	{ Cranworth House, Rotherham.
1905 Dec. 5.	*WATSON, HAROLD GEORGE ..	{ City Engr.'s Office, Town Hall, Hull.
1905 Dec. 5.	{ WATSON, HENRY SINCLAIR, } B.A. (<i>Cantab.</i>)	{ A. V. Giffins & Co., 68 Victoria Street, S.W.
1910 Jan. 11.	{ WATSON, HERBERT, } B.E. (<i>Royal</i>)	{ Sealdah, E.B.S. Ry., Calcutta, India.
m † 1906 Jan. 9.	*WATSON, HUGH SEXTUS ..	
1902 Dec. 2.	{ *WATSON, JOHN FRANCIS, } B.E. (<i>Royal</i>)	{ Improvement Trust, Bombay.
1899 Dec. 5.	*WATSON, JOHN WILLIAM ..	{ Jesselton, British North Borneo.
1911 Jan. 10.	WATSON, ROBERT WILLIAM ..	{ Borough Engineer's Office, Durban Natal.
1895 Apr. 2.	WATSON, THOMAS	{ District Engr., Northam, W. Australia.
1901 Apr. 2.	*WATSON, THOMAS AUBREY ..	{ 4 Haydn Avenue, Purley.
1911 Apr. 4.	WATSON, WILLIAM LAW ..	{ 4 West Avenue, Hendon, N.W.
1903 Jan. 13.	*WATT, JAMES	{ 25 Union Terrace, Aberdeen.
m † 1897 Apr. 6.	WATT, THOMAS HARKNESS ..	{ 53 Bothwell Street, Glasgow.

Date of Election.	ASSOCIATE MEMBERS.	
1878 Feb. 5.	*WATTS, GEORGE KEMPTHORNE	{ Commissioner of Works, Nairobi, B.E. Africa. [E.C.]
1905 Dec. 5.	WATTS, JAMES ARTHUR ..	{ Billiter Buildings, Billiter Street,
m 1877 May 29.	*WATTS, NICHOLAS	{ Bank Buildings, Bristol.
1913 Apr. 22.	WATTS, ROBERT WILLIAM ..	{ 75 Billiter Buildings, E.C.
1908 Mar. 3.	*WATTS, STAFFORD TRACEY ..	{ Borough Engr.'s Office, Durban, Natal.
1896 Dec. 1.	*WAY, ARTHUR GEORGE	{ Westminster Engineering Co., Victoria Rd., Willesden Junction, N.W.
1893 Apr. 11.	{ *WAYNFORTH, Professor HARRY MORTON }	{ King's College, Strand, W.C.
1891 Apr. 7.	WEAVER, EDWARD	{ Coggeshall Road, Marks Tey, Essex.
1882 Dec. 5.	WEAVER, HENRY EDWARD ..	{ Caixa do Correio 54, Manaus, Amazonas, Brazil.
1910 Dec. 6.	*WEAVER, HERBERT GEORGE ..	{ 7 Dordrecht Road, Acton Vale, W.
1912 Mar. 5.	{ *WEBB, ALBERT EDWIN, } { B.Sc. (Engineering) (Lond.) }	{ 29 Clifton Road, Heaton Moor, near Stockport.
1904 Dec. 6.	{ WEBB, CHARLES HENRY, M.Sc. } { (Victoria) }	{ Gas Works, Stourbridge.
1907 Apr. 9.	WEBB, JOHN RACKER, JUN. ..	{ Easton Gibb & Son, Ltd., H.M. Dockyard, Rosyth.
1886 Dec. 7.	WEBB, RICHARD GEORGE ..	{ Geo. Gahagan & Co., Bombay.
1887 May 3.	*WEBSTER, CHARLES	{ Covertside, Onslow Road, Woolston, Southampton.
1890 Apr. 1.	*WEBSTER, GEORGE JOHNSTON	{ Borough Engr., Dargaville, N.Z.
1890 Dec. 2.	WEBSTER, JAMES PHILIP ..	{ Cleansing Department, Town Hall, Sydney, N.S.W.
1911 Dec. 5.	*WEEKES, BARNETT NORMAN ..	{ Water Engineer's Dept., Municipal Offices, Liverpool.
1910 Jan. 11.	*WEEKES, FREDERIC EARLE ..	{ 5 Lockyer Street, Plymouth.
1893 Feb. 7.	*WEEKES, ROBERT WILLISHER ..	{ Maxwell House, Arundel Street, Strand, W.C.
1904 Feb. 2.	{ *WEEKLEY, CHARLES, } { B.A. (Cantab.) }	{ Reculver, Approach Road, Margate.
1909 Apr. 6.	*WEEKS, EDMUND GEORGE ..	{ Thorsgrig, Tynedale Avenue, Monk-seaton, Northumberland.
1902 Dec. 2.	WEIGHTMAN, THOMAS JACKSON	{ Engineer's Office, G.N. Ry., King's Cross, N.
1885 May 19.	{ WEINSCHENCK, GUILHERME BENJAMIN }	{ Caixa 27, Santos, Brazil.
1903 Apr. 7.	WEIR, JAMES SCOTT	{ Town Hall, Jarrow-on-Tyne.
1911 Feb. 7.	*WEIR, ROBERT	{ Standard Construction Co., Ste. Anne de Bellevue, P.Q., Canada.
1892 Mar. 1.	{ *WEISS, CHARLES THEODORE HEIMANN }	{ Crofthaven, Rickmansworth, Herts.
1878 May 7.	*WEISS, HUBERT AUGUST OTTO	{ 2 Karlsruherstrasse, Halensee, Berlin.
1880 May 4.	WELCH, ERNEST FREDERICK ..	{ Clargrove Lawn, Cheltenham.
1886 Jan. 12.	WELCH, JAMES WILLIAM ..	{ 27 Victoria Buildings, Manchester.
1905 Dec. 5.	*WELCH, RICHARD HUBBARD ..	{ Laglands, Reigate.
1890 Dec. 2.	*WELDON, HERBERT NICOL ..	{ 23 Westminster Palace Gardens, Victoria Street, S.W.
1885 Feb. 3.	WELLER, HARRY WRAY	{ Babcock & Wilcox, Ltd., College Street, St. Henry, Montreal, Canada.
1911 Feb. 7.	*WELLS, DOUGLAS THURBURN ..	{ National Bank of India, Rangoon, Burma.
1904 Jan. 12.	WELLS, FREDERICK BEAUCHAMP	{ Oficina Via y Obras, Ferro Carril del Sud, Buenos Aires.
1895 Dec. 3.	WELLS, GEORGE JAMES	{ 15 Ashburnham Gardens, Upminster, Essex.
m 1903 Mar. 3.	{ *WELLS, LIONEL FORTESCUE, } { B.Sc. (Victoria.) }	{ 16 Queen's Road, Hertford.

Date of Election.		ASSOCIATE MEMBERS.	
R	1914 Feb. 3.	{ *WELLS, RANDOLPH CECIL, } M.A. (<i>Cantab.</i>) }	20 Oakwood Court, W.
m	1891 Dec. 1.	*WELLS, SIDNEY HERBERT ..	{ Dept. of Agriculture and Technical Education, Cairo.
	1910 Dec. 6.	*WELLSTED, CHARLES GORDON	Waterloo Chambers, Hull.
✠	1892 Mar. 1.	WELSH, ALEXANDER	7 Morningside Place, Edinburgh.
	1883 Apr. 3.	WELTON, WILLIAM SHAKSPEARE	Elm Road, Wembley, Middlesex.
	1895 Feb. 5.	*WELTON, WILLIAM SMART ..	{ 73 The Chase, Clapham Common, S.W.
	1906 Dec. 4.	WENTWORTH, JOSEPH	Gas Works, Aldershot.
	1907 Apr. 9.	WEST, ARTHUR SMITH	{ Waterworks Offices, Haywra Crescent, Harrogate.
	1910 Apr. 5.	WEST, JOHN HENRY	7 Bath Road, Bedford Park, W.
	1912 Apr. 2.	WEST, WILLIAM CLEMENT ..	Town Hall, Newport, Mon.
	1908 Apr. 7.	WESTACOTT, PERCY	39 Victoria Street, S.W.
m	1908 Apr. 14.	{ *WESTON, ARTHUR TOM, M.Sc. } (<i>Victoria</i>) }	{ Office of Director of Ordnance Factories, Esplanade Row, Calcutta, India.
	1903 Feb. 3.	{ *WESTON, CHARLES FRANCIS } RUSSELL NUGENT }	{ City Engr.'s Office, Council House, Birmingham.
	1887 May 24.	WESTON, HARRY JACOB	24 Portland Street, Southampton.
	1912 Mar. 5.	{ *WESTOVER, GEORGE, Jun., } B.Sc. (<i>Engineering</i>) (<i>Lond.</i>) }	36 Friends Road, Croydon.
	1910 Apr. 5.	*WHARTON, JOHN	4 Meadowcroft, Sutton, Surrey.
	1907 Apr. 9.	{ *WHARTON, JOHN ROBERT, B.A. } (<i>Cantab.</i>) }	{ 132 Hagley Road, Edgbaston, Birmingham.
	1908 Dec. 1.	WHATLEY, GREVILLE JOHN ..	21 Eccles Road, Lavender Hill, S.W.
	1899 Jan. 10.	WHEAT, FREDERICK SYKES ..	{ 191 Chevening Road, Brondesbury Park, N.W.
	1912 Dec. 3.	*WHEATLEY, ALFRED EVANS ..	{ City Engr.'s Office, Guildhall, Nottingham.
	1913 Dec. 2.	{ WHEATLEY, ANGUS RONALD, } B.Sc. (<i>Engineering</i>) (<i>Lond.</i>) }	{ Greylands, St. James' Avenue, Hampton Hill.
	1894 Apr. 3.	*WHEATLEY, HENRY LAWRENCE	Caixa 531, Rio de Janeiro.
	1911 Apr. 11.	{ *WHEELER, CHARLES FORDYCE, } B.A., B.E. (<i>Royal</i>) }	{ Waterworks Office, Belfast. [W.
	1913 Apr. 22.	WHEELER, JACK LESLIE	54 Brook Green, West Kensington,
	1912 Jan. 9.	{ WHELDON, EMRYS JOHN, B.A. } (<i>Cantab.</i>) }	{ Strick, Scott & Co., Mohammerah, Persian Gulf, <i>via</i> Bombay.
	1893 Dec. 5.	*WHEATHAM, STEPHEN LLOYD ..	c.o. Austen Whetham, Bridport.
	1914 Apr. 7.	WHIDDINGTON, FRANK PAUL ..	22 Birchington Road, Crouch End, N.
m	1905 Jan. 10.	*WHIGHAM, GEORGE HAY ..	{ Cuba Railroad Co., 170 Broadway, New York, U.S.
	1909 Jan. 12.	*WHILE, AUGUSTUS	{ 9 Croslands Park Road, Barrow-in-Furness.
	1885 May 19.	{ WHINFIELD, JOHN HENRY } RICHARD }	Hillcrest, Hook Hill, Sanderstead.
	1904 Dec. 6.	WHITAKER, GEORGE HARTLEY	Town Hall, Sunderland.
	1891 Dec. 1.	*WHITAKER, JAMES	{ 5 Clifton Road, Chorlton-cum-Hardy, Manchester.
	1904 Jan. 12.	{ *WHITAKER, JOHN STANLEY, } B.Sc. (<i>Victoria</i>) }	{ North-Eastern Railway Dock Office, Hull.
	1911 Dec. 5.	WHITAKER, PHILIP HOLT ..	46 Abingdon Street, Blackpool.
	1913 Apr. 22.	{ *WHITE, ALFRED HALE, } B.A. (<i>Cantab.</i>) }	{ Engr.'s Dept., Dock Office, Liverpool.
	1906 Dec. 4.	*WHITE, COLIN ROBERT ..	66 Belsize Park Gardens, N.W.
	1878 Feb. 5.	*WHITE, EDWIN JAMES	{ Lambeth Brass & Iron Co., Short Street, Lambeth, S.E.
	1887 Mar. 1.	WHITE, GEORGE	The Farm, Mexborough.
m	1894 Dec. 4.	*WHITE, HENRY THOMAS ..	94 Utttoxeter New Road, Derby.
	1909 Apr. 6.	*WHITE, JOHN GROVE	East Indian Ry., Dhanbaid, India.
	1900 Apr. 3.	WHITE, JOHN HENRY	Donnybrook, Newquay, Cornwall.

Date of
Election.

ASSOCIATE MEMBERS.

1912 Apr. 2.	{ *WHITE, JOHN LETHAM, B.Sc. (<i>Edin.</i>) }	44 Coniston Road, Edinburgh.
1894 Feb. 6.	WHITE, SYDNEY HERBERT ..	9 Victoria Street, S.W.
1914 Feb. 3.	*WHITE, TOM MCCALL	12 Newport Gardens, Headingley, Leeds.
1905 Dec. 5.	*WHITE, WALTER	51 Purley Oaks Road, Sanderstead, Surrey.
1896 Mar. 3.	{ WHITE, WILLIAM DONALD WILSON }	Box 2, Post Office, Kerrisdale, Van- couver, B.C.
1901 Dec. 3.	WHITE, WILLIAM HENRY JOHN	Municipal Offices, Cheltenham.
1909 Feb. 2.	*WHITEHEAD, HERBERT CECIL	Borough Engr.'s Office, Southend.
1912 Dec. 3.	WHITEHEAD, SMITH	Borough Engineer's Office, Nelson, Lancs.
1910 Dec. 6.	{ *WHITEHOUSE, CHARLES MAR- CUS ALLEN }	Gibson's Road, Heaton Moor, Man- chester.
1913 Apr. 1.	{ *WHITEHOUSE, EDGAR, B.Sc. (Engineering) (<i>Lond.</i>) .. }	22 Wyndham Road, Edgbaston, Birmingham.
1907 Jan. 8.	WHITEHOUSE, GEORGE HAM ..	Res. Engr., Bethal-Volksrust Ry., Bethal, S. Africa.
1911 Dec. 5.	WHITEHOUSE, WILLIAM HENRY	Glencoe, Rushby Mead, Letch- worth, Herts.
1893 Dec. 5.	*WHITELAW, JOHN	Tintonia, Symington, Biggar, N.B.
1893 Dec. 5.	WHITELOW, EDWARD TURNER	11 Grosvenor Road, Birkdale, South- port.
1912 Dec. 3.	{ *WHITFIELD, RICHARD HOUL- BROOK }	Tonna Vicarage, Neath, S. Wales.
1910 Jan. 11.	*WHITLEY, FRANCIS GRENVILLE	Broadway Court, Westminster, S.W.
1910 Dec. 6.	*WHITLEY, HOWARD MONCASTER	Hillside, Warren Road, Chingford, Essex.
1880 Mar. 2.	*WHITMORE, LAWRENCE HERSEE	Box 163, Balawayo, Rhodesia.
1913 Apr. 22.	{ *WHITNEY, WILLIS BEVAN, B.Sc. (Engineering) (<i>Lond.</i>) }	Engr.'s Office, Shirawta Dam, Tata Hydro-Electric Works, nr. Lon- awla, G.I.P. Ry., India.
m 1908 Dec. 1.	*WHITSON, RALPH ALEXANDER	7 Windsor Quadrant, Glasgow.
1906 Jan. 9.	*WHITTINGTON-COOPER, ALFRED	Municipal Engr.'s Office, Singapore S.S.
1909 Dec. 7.	*WHITTLE, BERTRAM ARTHUR	Thos. Cook & Son, Sydney, N.S.W.
1904 Apr. 12.	*WHITTLE, FREDERIC EDWIN	H.M. Dockyard, Rosyth, N.B.
1906 Apr. 3.	*WHITTON, PETER ISLES	27 Lochlea Road, Newlands Glasgow.
1896 Jan. 14.	WHITWORTH, WALTER STANLEY	Killyfontein Mines, Orange River Colony.
1910 Apr. 5.	{ WHYTE, CHARLES EDWARD MONTGOMERY }	2 The Esplanade, St. Kilda, Melbourne, Australia.
1896 May 5.	WHYTE, JAMES	Whyte & Co., Ltd., Lavernock, Penarth, Glam.
1910 Dec. 6.	WHYTE, JOHN MATTHEW ..	S. Pearson & Son, Ltd., Royal Al- bert Dock Extension (South), E.
1906 Dec. 4.	WIBBERLEY, JOHN	3 Townsend Villas, Mannamead, Plymouth.
1895 Dec. 3.	WICKHAM, FRANCIS EDMUND ..	Ry. Construction Branch, P.W.D., Sydney, N.S.W.
1906 Dec. 4.	*WICKHAM, JOHN AVENEL ..	c.o. S. Pearson & Son, Ltd., 10 Vic- toria Street, S.W.
1898 Mar. 1.	*WICKHAM, WILLIAM HENRY ..	22 Great St. Helens, E.C.
1901 Dec. 6.	WICKS, GERALD HAMILTON ..	British Club, Mexico City.
1907 Jan. 8.	{ *WIDDICOMBE, EDWARD PARNELL, B.A. (<i>Cantab.</i>) .. }	c.o. H. S. King and Co., 9 Pall Mall, S.W.
1893 Jan. 10.	WIGG, WILLIS	1 Evesham Road, Narborough Road, Leicester.
1906 Apr. 10.	{ WILBOND, ARTHUR GEORGE, B.E. (<i>Royal</i>) }	Downshire Park, Carriekfergus, co. Antrim.

Date of Election.	ASSOCIATE MEMBERS.	
1876 Mar. 7.	WILD, JOSEPH HENRY	Box 247, Johannesburg, Transvaal.
1907 Dec. 3.	WILDISH, HERBERT CHARLES	{ Architect's Dept., L.C.C., 3 Warwick House St., Cockspur St., S.W.
1906 Apr. 3.	*WILKES, JOSEPH ERNEST ..	Towcester Road, Northampton.
1904 Apr. 12.	WILKINSON, FRANK	{ Borough Engr. & Surveyor's Office Wimbledon, S.W.
1914 Feb. 3.	{ WILKINSON, HAROLD LAUNCE- LOTT, M.C.E. (<i>Melb.</i>) }	300 Glenferrie Road, Melbourne Victoria.
1905 Apr. 4.	WILKINSON, HARRY FELLOWES	{ Fulford House, The Crescent, South Tottenham, N.
1885 Feb. 3.	*WILKINSON, HENRY WALL ..	14 Creffield Road, Ealing, W.
1910 Apr. 5.	*WILKINSON, HERBERT STANLEY	{ Valparaiso Drainage Co., Ltd. Casilla 616, Valparaiso, Chile.
m 1911 Dec. 5.	{ *WILKINSON, LIONEL ST. GEORGE, M.Sc. (<i>Manchester</i>) }	Borough Engr.'s Office, Huddersfield.
1908 Apr. 7.	WILKINSON, OSWALD JAMES ..	196 Deansgate, Manchester.
1909 Dec. 7.	*WILKINSON, PERCY	{ Staffordshire Potteries Waterworks Co., Engr.'s Offices, Albion Street, Hanley.
1879 Dec. 2.	WILKINSON, ROBERT ALFRED	{ Buenos Aires and Pacific Ry. Co. Buenos Aires.
1906 Dec. 4.	WILKINSON, WALTER LIONEL	Dist. Engr., P.W.D., Allahabad, India.
1890 Apr. 1.	*WILKINSON, WILLIAM FISCHER	12 St. James' Place, S.W.
1904 Jan. 12.	{ WILLIAMS, THOMAS BOWDEN, M.Sc. (<i>Victoria</i>) }	Engr.'s Office, G.C. Ry., Marylebone Station, N.W.
1912 Apr. 2.	WILLCOCKS, ARTHUR CLAUDE	Town Hall, St. Helens.
B 1912 Apr. 2.	*WILLIAMS, ARCHIBALD EDGAR	{ Terrington, Cannon Road, Southgate, N.
1905 Apr. 4.	WILLIAMS, ARTHUR CARADOC	{ Dee Conservancy Board, 6 Godstall Chambers, Chester.
1892 Dec. 6.	WILLIAMS, ARTHUR EDWARD	Dagenham Dock, Romford.
1895 Dec. 3.	{ WILLIAMS, ARTHUR EDWARD, B.A. (<i>Cantab.</i>) }	The Hermitage, Epsom.
1902 Dec. 2.	{ WILLIAMS, CECIL WRENNE, B.A. (<i>Cantab.</i>) }	Green Walk, Bowdon, Altrincham.
1908 Mar. 3.	*WILLIAMS, CHARLES WILLIAM	{ Cartwright, Matheson & Co., 601-8 Rogers Building, Vancouver, B.C.
1881 Apr. 5.	*WILLIAMS, CLAUDE ST. MAUR	{ 11 Peterboro' Road, Harrow-on-the-Hill.
1889 May 7.	WILLIAMS, ERNEST	{ 806 Salisbury House, London Wall, E.C. (Ernewilm, London).
1914 Apr. 7.	{ *WILLIAMS, FREDERICK HERBERT, B.Sc. Tech. (<i>Manchester</i>) }	50 Rothwell Road, Gosforth, Northumberland.
1912 Apr. 2.	{ WILLIAMS, FREDERICK JOHN GREGSON }	Bryncelyn, Llangoed, Anglesey.
1907 Dec. 3.	{ *WILLIAMS, HAROLD CRAIGIE, B.A. (<i>Oxon.</i>) }	71 Kremlin Drive, Stoneycroft, Liverpool.
1910 Dec. 6.	{ *WILLIAMS, HERBERT GERAIN, M.Sc., B.Eng. (<i>Liverpool</i>) .. }	88 Vineyard Hill Road, Wimbledon Park, S.W.
1909 Apr. 6.	WILLIAMS, JOHN HAMMOND ..	{ Cadastral Branch, Survey Dept., Nairobi, British East Africa.
1905 Dec. 5.	WILLIAMS, JOHN HARCOURT	12 Mayfield Rd., Sanderstead, Surrey.
1881 Feb. 1.	*WILLIAMS, JOHN HENRY ..	30 Beaconsfield Road, St. Albans.
1908 Apr. 7.	{ WILLIAMS, MILBOURNE BRANSBY, B.A. (<i>Cantab.</i>) .. }	Killay House, Sketty, Glam.
1887 Dec. 6.	WILLIAMS, ROBERT	{ Friars House, New Broad Street, E.C. (Central 8857.)
1904 Jan. 12.	WILLIAMS, STEPHEN GEORGE	{ Deputy Water Engineer, Singapore, S.S.
1897 Feb. 2.	{ *WILLIAMS, STEPHEN MAY- NARD JENOUR }	The Grange, Keynsham, Somerset.
1912 Dec. 3.	*WILLIAMS, TOM HERBERT ..	31 Electricity Street, Crewe.

Date of Election.		ASSOCIATE MEMBERS.	
1904 Mar. 1.	{	WILLIAMSON, ALEXANDER, B.Sc. (<i>Glas.</i>)	Vickers, Ltd., Sheffield.
1896 Feb. 4.	*	WILLIAMSON, ALFRED ARTHUR	H.M. Dockyard, Malta.
1892 Apr. 5.	*	WILLIAMSON, ANDREW	{ Exec. Engr., M. & S.M. Ry., Perambur, Madras, India.
1890 Jan. 14.	*	WILLIAMSON, ARTHUR	{ F. C. C. A., Bartolome Mitre, Buenos Aires.
1911 Apr. 4.	*	WILLIAMSON, GEORGE WILLIAM	Broad Road, Sale, Manchester.
1908 Dec. 1.	*	WILLIAMSON, HUGH PASS	15 Gibson Street, Leeds.
B 1907 Apr. 9.	*	WILLIAMSON, JAMES	{ Formans & McCall, 160 Hope Street, Glasgow.
1892 Mar. 1.		WILLIAMSON, RICHARD	South Lodge, Cockermouth.
1914 Jan. 13.	*	WILLIS, EDMUND JOHN	{ Cromwell House, Latymier Road, Edmonton, Middx.
1901 Apr. 2.		WILLIS, EDWARD	{ Engineer & Surveyor's Dept., Town Hall, Chiswick, W.
1878 May 28.	*	WILLIS, ROBERT HENRY	56 Grafton St., Fitzroy Square, W.
1894 Mar. 6.		WILLIS-VOLLAIRE, GEORGE	{ London Sanitary Protection Association, 13 Charles St., St. James's, S.W.
1910 Apr. 5.	{	WILLMER, EDWARD ALBERT BRITTAIN	Foster Barham, Via Montesuello 4, Genoa, Italy.
1895 Dec. 3.	{	*WILLMOTT, HERBERT MORTON, F.C.H.	e.o. Registrar, P.W.D. Secretariat, Allahabad, U.P., India.
1896 Mar. 3.	{	*WILLS, BERNARD RUSSELL, B.A. (<i>Cantab.</i>)	7 Highfield Place, Manningham, Bradford.
1907 Dec. 3.		WILMOT, CHARLES CLEMENT	{ Leopoldina Ry., Caixa 291, Rio de Janeiro, Brazil.
1911 Apr. 7.	{	WILMOT, STANLEY BIRLEY, B.Sc. (<i>Birmingham</i>)	Glenroy, Wake Green, Mosley, Birmingham.
1898 Dec. 6.		WILSON, ALAN	Wilson and Neubronner, Penang, S.S.
✠ 1904 Jan. 12.	*	WILSON, ALBERT, B.Sc. (<i>Lond.</i>)	{ Depto. Via y Obras, F.C. Sud, Buenos Aires.
1897 Apr. 6.		WILSON, ALEXANDER COWAN	{ Winterbourne, Storeton Road, Birkenhead.
1869 Dec. 7.		WILSON, ALEXANDER FAIRLIE	Burnbrae, Balford, N.B.
✠ 1908 Mar. 3.	{	WILSON, ARTHUR HAMILTON, B.Sc. (<i>Glas.</i>)	67 West Nile Street, Glasgow.
1879 Feb. 4.	*	WILSON, ARTHUR HENRY	{ Sandridge Park, near Totnes, South Devon.
1894 Dec. 4.		WILSON, DANIEL ELLIS	Oakley, Chinnor, Oxon.
✠ 1903 Feb. 3.		WILSON, DAVID, B.E. (<i>Royal</i>)	{ Railway Headquarters, Johannesburg, S. Africa.
1904 Dec. 6.		WILSON, DAVID HUTCHISON	Kalka-Simla Ry., Dharmapore, India.
1909 Apr. 6.	*	WILSON, ERNEST	The Municipality, Alexandria, Egypt.
1895 Mar. 5.	*	WILSON, ERNEST MOORE	Vias y Obras, Junin, Argentina.
1909 Apr. 6.	*	WILSON, FRANCIS WOODMAN	Grindlay, Groom & Co., Bombay.
1904 Apr. 12.		WILSON, FREDERICK	{ 40 Leopold Road, St. Andrews, Bristol.
1908 Feb. 4.	*	WILSON, GEORGE STEWART	{ Merrylees & Co., Ltd., 7 Clyde Street, Derby Road, Liverpool.
1904 Jan. 12.		WILSON, JOHN FRANCE	Gloucester Place, Ashton-under-Lyne.
S ✠ 1903 Feb. 3.	*	WILSON, JOHN SIGISMUND	{ 2 Queen's Square Place, Queen Anne's Mansions, Westminster, S.W.
1898 Jan. 11.		WILSON, JOSEPH BOWMAN	Rose Mount, Papcastle, Cockermouth.
in ✠ 1911 Jan. 10.	*	WILSON, LAWRENCE TRENCH	{ Res. Engr.'s Office, Cross Hill Tank, Barnston, Cheshire.
1888 Jan. 10.	*	WILSON, MAURICE	{ Engineering School, Crystal Palace, S.E.
1895 Dec. 3.	*	WILSON, NORMAN FORSTER	Gilbert Gilkes & Co., Ltd., Kendal.

	Date of Election.	ASSOCIATE MEMBERS.	
	1913 Jan. 14.	*WILSON, PERCIVAL DOUGLAS	P.W.D., Hong Kong.
	1913 Jan. 14.	{*WILSON, REGINALD JAMES WEIR}	The Beeches, Albany Park Road, Kingston-on-Thames.
	1898 Dec. 6.	WILSON, ROBERT MACDONALD	{Wm. Muirhead & Co., Ltd., 41 Parliament Street, S.W.
	1912 Dec. 3.	{*WILSON, RONALD EDWARD, B.A. (<i>Cantab.</i>)}	Port Trust, Ballard Road, Bombay
	1913 Jan. 14.	WILSON, THOMAS	{Chief Resident Engr.'s Office, Ry. Construction Dept., Seremban, F.M.S.
	1886 Dec. 7.	WILSON, THOMAS BRIGHT ..	Ghyllside, Wells Walk, Ilkley, Yorks.
	1905 Feb. 7.	{WILSON, WILLIAM RENFREW, B.Sc. (<i>Glas.</i>)}	Canton-Hankow Ry., Hankow, China [<i>via</i> Siberia].
m	1875 Mar. 2.	*WILTON, FRANCIS	Heath Barton, Goring-on-Thames.
	1904 Dec. 6.	{WILTON, THOMAS RYDER, M.A. (<i>Cantab.</i>)}	{18 Westminster Chambers, 1 Cross- hall Street, Liverpool. (Littoral, Liverpool. Central 1397.)
m +	1902 Dec. 2.	{*WIMPERIS, HARRY EGERTON, M.A. (<i>Cantab.</i>)}	Crown Agents' Office, Whitehall Gardens, S.W.
	1905 Dec. 5.	{*WINBY, LEWIS PHILLIPS, M.A. (<i>Cantab.</i>)}	c.o. 13/14 Abchurch Lane, E.C.
	1871 Dec. 5.	WINCKLER, GEORGE WALTER ..	
	1899 Apr. 11.	*WINDER, OLIVER	{Egerton House, Egerton Park, Rock Ferry, Birkenhead.
	1891 Apr. 7.	WINDER, THOMAS	Norfolk Estates Office, Sheffield.
	1911 Jan. 10.	*WINN, SIDNEY GEORGE ..	{N. 44 Hilldrop Crescent, Camden Road, N.
	1898 Dec. 6.	WINN, THOMAS JOHN	
	1910 Dec. 6.	{*WINNER, ERIC FRANKLIN, B.A. (<i>Cantab.</i>)}	7 Arboretum Street, Nottingham.
	1879 Feb. 4.	WINSHIP, GEORGE	Borough Surveyor, Abingdon.
	1907 Dec. 3.	*WINTER, ERNEST CHARLES ..	Ivy Cottage, Hathersage, Sheffield.
	1913 Jan. 14.	{*WISE, WILFRID, B.Sc. (En- gineering) (<i>Lond.</i>)}	83 Lansdowne Road, Holland Park, W.
	1910 Feb. 1.	*WISHLADE, THOMAS WATKIN	Penybont, Radnorshire.
	1892 Feb. 2.	*WISSENDEN, REGINALD	{Main Drainage Works, Chester Road, Manchester.
	1885 Jan. 13.	WISWALL, FRANCIS	Stanley Villas, Runcorn.
+	1903 Mar. 3.	*WISWALL, WALTER HARTLEY	Ship Canal, Runcorn, Cheshire.
	1909 Mar. 2.	*WITTS, JOHN	Edmonds, Burnaby, B.C.
	1895 Jan. 8.	WITTS, JOHN WILLIAM	City Engineer's Office, Leeds.
	1895 Jan. 8.	*WOLFENDEN, BENJAMIN JAMES	Boro' Engineer, Bootle.
m	1899 Dec. 5.	{*WOLSELEY - LEWIS, FRANK THOMAS}	Willans & Robinson, Ltd., Victoria Works, Rugby.
	1906 Dec. 4.	{*WOLSTENHOLME, FREDERICK GEORGE}	150 Albert Road, Blackpool.
	1888 Jan. 10.	WOLSTENHOLME, JEREMIAH ..	Birley Street, Blackpool.
	1904 Jan. 12.	*WONTNER-SMITH, HOWARD ..	Esholt Hall, Shipley, Yorks.
	1905 Jan. 10.	*WOOD, ALPHONSE	Brierley Hall, Brierley, Barnsley.
+	1897 Jan. 12.	WOOD, FREDERICK JAMES ..	County Surveyor, Lewes.
	1911 Apr. 4.	*WOOD, HARRY	{6 Wilton Avenue, Sedgley Park, Prestwich, Manchester.
	1908 Dec. 1.	*WOOD, HENRY	City Engr.'s Office, Guildhall, Nor- wich.
	1914 Apr. 7.	WOOD, HERBERT SAMUEL ..	3 Surrenden Road, Preston Park, Brighton.
	1895 Dec. 3.	WOOD, JAMES HERBERT ..	Pacaswayo, Peru.
	1907 Jan. 8.	WOOD, JOHN	{Public Works Office, Westport, New Zealand.
	1897 Feb. 2.	WOOD, JOHN EGERTON	Batavia, Dutch East Indies.

Date of
Election.

ASSOCIATE MEMBERS.

1907 Dec. 3.	WOOD, OWEN THOMAS	{ Divl. Engr.'s Office, G.W. Ry., Paddington, W.
1887 Dec. 6.	*WOOD, WALTER GUNNELL, C.S.I.	{ P.W.D., Allahabad, India. [S.W.]
1884 Dec. 2.	*WOOD, WILLIAM	{ 31 Studley Road, Clapham Road,
1914 Feb. 3.	{ *WOOD, WILLIAM LYON, B.A. (Contab.)	{ Dept. Via y Obras, P.C. Sud, Calle Guanahani 322, Buenos Aires.
1905 Apr. 4.	*WOOD, WILLIAM WELLESLEY ..	{ 239 Hagley Road, Edgbaston, Birmingham.
1912 Apr. 23.	{ *WOODBIDGE, WILLIAM EDWARD	{ County Surveyor's Office, Shire Hall, Durham.
1910 Feb. 1.	{ *WOODING, JOHN WILLANS, B.Sc. (Engineering) (Lond.)	{ 21 Douglas Road, Caunbury, N.
1887 Dec. 6.	WOODS, VINCENT SYDNEY ..	{ Maryfield, Retford.
1889 May 21.	*WOODSIDE, JOHN	{ c.o. J. C. Woodside, Carnsmpson, Ballycastle, co. Antrim.
1910 Mar. 1.	*WOODWARD, EGBERT GORDON	{ 130 Grove Road, Clapham Park, S.W.
1893 Jan. 10.	{ *WOODWARD, ERNEST ARTHUR BORAMAN	{ Waterworks Engineer, Wolverhampton.
1896 Dec. 1.	WOODWARD, HARRY PAGE ..	{ c.o. Dr. Henry Woodward, F.R.S. 13 Arundel Gardens, Notting Hill, W.
1891 Dec. 1.	*WOODWARD, JOHN HAROLD ..	{ 8 Queen Anne's Gate, S.W.
1909 Mar. 2.	*WOOLDRIDGE, EDWARD PERCY	{ East Street, Milborne Port Somerset.
1897 Jan. 12.	{ *WOOLMER, HERBERT CHARLES PALAIRET	{ P.O. Box 19, Moscow, Russia.
1910 Apr. 19.	*WOOLWAY, CHARLES GORDON	{ Ewden Valley Works, Engr.'s Office, Bolsterstone, Sheffield.
✠ 1899 Dec. 5.	{ *WOORE, JOHN MAURICE SIMEON, B.E. (Sydney)	{ Murrumbidgee Irrigation Scheme, Leeton, via Yanco, New South Wales.
1909 Apr. 6.	WOOTTON, ALLEN SHAKESPEARE	{ 975 Park Road, Vancouver, B.C.
1897 Apr. 6.	WOOTTON, HENRY	{ F. C. Oeste, Buenos Aires.
1898 Dec. 6.	*WORKMAN, FREDERIC DICKINSON	{ Ivydene, Abbots Langley, Herts.
1905 Mar. 7.	{ WORKMAN, ROBERT ERNEST, B.Sc. (Glas.)	{ 5 Woodside Terrace, Glasgow.
1896 Apr. 14.	WORRALL, FRANK	{ Council Offices, Long Eaton, Nottingham.
1896 Apr. 14.	{ WORSÖE, ADAM FREDERIC TRAMPE	{ Drammen Foundry, Drammen, Norway.
1911 Feb. 7.	*WORTH, HENRY NORMAN ..	{ 11 Danes Road, Exeter.
1889 Dec. 3.	WORTH, REGINALD TURNER ..	{ The Limes, Middlewich, Cheshire.
1894 Dec. 4.	*WORTHINGTON, ARTHUR ..	{ Carrington Lane, Ashton-on-Mersey.
1904 Jan. 12.	*WRAY, PETER REMUS	{ Generating Station, Lots Road, Chelsea, S.W.
1895 Jan. 8.	*WRENCH, FRANCIS HOULTON ..	{ 217 Uppertorpe, Sheffield.
1887 May 3.	{ WREY, PHILIP BOURCHIER SHERARD	{ Mashonaland Agency, Bulawayo, Rhodesia.
1906 Dec. 4.	{ *WRIGHT, ALBERT FREDERICK JAMES	{ 76 Empress Avenue, Ilford.
1910 Jan. 11.	*WRIGHT, ARTHUR REGINALD ..	{ Contralto Condenser and Kinetic Air Pump Co., Ltd., 3 Central Buildings, Westminster, S.W.
1904 Apr. 12.	*WRIGHT, CHRISTOPHER GORDON	{ 3 Raymond Buildings, Gray's Inn, Holborn, W.C.
1910 Apr. 5.	{ *WRIGHT, ERNEST WILLIAM BELL	{ City Surveyor's Office, Town Hall, Manchester.
1902 Apr. 8.	*WRIGHT, FRANK	{ 19 St. Charles Square, North Ken- sington, W.
1881 Feb. 5.	*WRIGHT, FREDERICK ADLARD ..	{ Dep. Chief Engr., E.I. Ry., Calcutta.
1886 Dec. 7.	*WRIGHT, HAROLD	{ East Indian Ry. House, Calcutta.
1913 Dec. 2.	*WRIGHT, HERBERT LEE	{ Madras Club, Madras.

Date of Election.	ASSOCIATE MEMBERS.	
1913 Dec. 2.	{ WRIGHT, KENINGALE BERTRAM, B.Sc. (<i>Glas.</i>) }	Town Hall, Grangemouth.
1908 Apr. 7.	WRIGHT, WILFRID	Municipal Offices, Sutton, Surrey.
1890 May 6.	*WYATT, HENRY HERBERT ..	{ Templenew, Belleek, co. Fer- managh.
1901 Dec. 3.	*WYATT-SMITH, ALAN	{ Boulogne, F.C.C.C. Ext. à B.A., Argentina.
1905 Dec. 5.	{ WYLDE, JAMES RAWDON, B.Sc. (<i>Victoria</i>) }	King, Hamilton & Co., Koila Ghat Street, Calcutta.
1894 Dec. 4.	WYLDE, THOMAS	
1897 Feb. 2.	WYLLIE, JAMES BROWN	219 St. Vincent Street, Glasgow.
1861 Feb. 5.	WYNNE, ALBERT AUGUSTUS ..	Tigroney, Ovoca, co. Wicklow.
1899 Dec. 5.	{ *WYNNE, ARTHUR ALGERNON WARREN, M.A. (<i>Cantab.</i>) .. }	C. A. Parsons & Co., 8 Victoria Street, S.W.
1871 Feb. 7.	*WYNNE, FRANCIS GEORGE ..	Lightwater House, Bagshot, Surrey.
1892 Mar. 1.	*WYNNE, HENRY EDWARD ..	{ Engineer's Office, Enniskillen, Ire- land.
1896 Dec. 1.	WYNNE, HENRY JOHN	Government Rys., Wellington, N.Z.
1891 Dec. 1.	WYNNE, THOMAS TRAFFORD ..	Tutbury, Staffs.
1890 Dec. 2.	WYSE, ROBERT ANDERSON ..	{ P.O. Box 12, Ficksburg, O.F.S., S. Africa.
1895 Dec. 3.	*XAVIER, ISIDORE MICHAEL ..	{ Water Dept., Victoria, Hong Kong [<i>via</i> Siberia].
1902 Feb. 4.	YAMAGUCHI, JUNNOSUKE ..	5 Shin-Riudo, Azabu, Tokio, Japan.
1911 Dec. 5.	*YARROW, HAROLD EDGAR ..	{ Fairlawn, Bearsden, Dumbarton- shire.
1887 Feb. 1.	*YATES, FRED SPENCER	Town Hall, Waterloo, Liverpool.
1913 Jan. 14.	*YATES, STANLEY	36 Victoria Street, S.W.
1912 Apr. 2.	YATES, WILLIAM	{ 29 Arthur Road, Erdington, Bir- mingham.
1908 Feb. 4.	*YEOMAN, GORDON	{ Egyptian State Domains, Cairo, Egypt.
1911 Dec. 5.	*YERBURGH, RALPH RICHMOND	{ Baldry, Yerburgh & Hutchinson, Ltd., 21 Queen Anne's Gate, S.W.
1895 Mar. 5.	YERBURY, FREDERICK AUGUSTUS	{ J. E. Yerbury, 3 & 5 Queen Street, Cheapside, E.C.
1906 Apr. 3.	YEWDALE, PETRIE	Hillcrest, Rawdon, Leeds.
1899 Dec. 5.	YOCKNEY, ALGERNON LANGSTON	{ 53 Victoria Street, S.W. (Yockney, London. Victoria 53.)
1908 Dec. 1.	YORATH, CHRISTOPHER JAMES	{ City Commissioner, City Hall, Saska- toon, Sask., Canada.
1891 Dec. 1.	YORK, FRANCIS COLIN	Pacific Ry., Junin, Buenos Aires.
1895 Mar. 5.	YORK, HENRY	District Council, New Barnet.
1900 Feb. 6.	YOSHIMURA, CHOSAKU	{ Rinji Kenchikubu, Kaigunsho, Tokyo, Japan [<i>via</i> Siberia].
1910 Jan. 11.	YOUNG, ALFRED	{ Majgaon, Assam-Bengal Ry., Sylhet District, Assam, India.
m † 1895 Apr. 2.	*YOUNG, ALFRED ERNEST ..	Elmstead, Bexhill, Sussex.
1906 Apr. 3.	YOUNG, ANDREW REGINALD ..	{ 8 Winterstoke Gardens, Mill Hill, N.W.
1912 Apr. 2.	*YOUNG, CYRIL ROE MUSTON	{ Douglass, Lewis & Douglass, 15 Victoria Street, S.W.
1910 Feb. 1.	*YOUNG, HARBEN ROBERT ..	P.W.D., Paeroa, New Zealand.

Date of
Election.

ASSOCIATE MEMBERS.

1910 Dec. 6.	{ YOUNG, HAROLD PATRICK { GEDDES }	P.W.D., Colombo, Ceylon.
1907 Jan. 8.	YOUNG, HERBERT JAMES ..	{ Admiralty Harbour Works, Engr.'s Office, Dover.
1910 Jan. 11.	{ *YOUNG, JOHN STEVENSON, B.Sc. (<i>Victoria</i>), B.Eng. (<i>Liverpool</i>) }	Claremont Road, West Kirby, Cheshire.
1882 Feb. 7.	*YOUNG, JULES DENT	Waterworks Office, Bath.
1906 Feb. 6.	{ YOUNG, PATRICK CHARLES, M.A. (<i>Cantab.</i>) }	Oatlands, Simla, India.
R 1910 Dec. 6.	{ *YOUNG, THOMAS ADAIR, B.Sc. (<i>Edin.</i>) }	{ Asst. Engr., Nigerian Ry., Lagos, W. Africa.
1914 Apr. 7.	*YOUNG, THOMAS FORBES	37 Newington Avenue, Belfast.
1912 Jan. 9.	*YOUNG, WILFRID EDWARD ..	{ 33 Warwick Villas, Mill Road, Yoker, Glasgow.
1892 Apr. 5.	YOUNG, WILLIAM CHRISTOPHER	Tathwell Lodge, Louth, Lincs.
1899 Dec. 5.	*ZELLER, CARLOS VAN	{ 31 Rua da Bella Vista, Lisbon, Portugal.
✠ 1901 Dec. 3.	ZIMMER, GEORGE FREDERICK ..	82 Mark Lane, E.C.
1912 Jan. 9.	{ ZOYSA, AUGUSTUS JULIUS { RANELAGH DE }	Ceylon Government Ry. Extension Works, Colombo, Ceylon.

Total number of Associate Members 5,240.

ASSOCIATES.

[Assoc. Inst. C.E.]

N.B. *Those elected prior to the 2nd of December, 1878, are entitled to the privileges of Corporate Membership, but not those subsequently elected.*

	Date of Election.	ASSOCIATES.	
	1886 Dec. 7.	AIRD, <i>Sir</i> JOHN, <i>Bart.</i>	{ 22 Queen Anne's Gate, S.W. (Loco, London.)
	1908 Feb. 4.	AIRD, MALCOLM RUCKER	22 Queen Anne's Gate, S.W.
	1898 Apr. 5.	{ ARMITAGE, ROBERT, B.A. (<i>Cantab.</i>)	{ Farnley Lodge, Leeds.
	1886 May 4.	{ ARMYTAGE, <i>Sir</i> GEORGE JOHN, <i>Bart.</i>	{ Kirklees, Brighouse.
	1901 Dec. 3.	*ARMYTAGE, JOHN HAWKSWORTH	47 Victoria Street, S.W.
	1869 Apr. 6.	{ BADGLEY, WILLIAM FRANCIS, <i>Colonel Bombay Staff Corps</i>	{ Vevecroft, Devizes, Wilts.
t †	1910 Jan. 11.	{ BAMBER, HENRY KELWAY GWYER	{ Ingress House, Greenhithe, Kent.
	1885 Dec. 1.	{ BASTOS, JOSÉ JOAQUIM DE CARVALHO	{
	1908 Apr. 7.	BATES, LINDON WALLACE	1 London Wall Buildings, E.C.
	1909 Apr. 6.	{ BATTYE, BASIL CONDON, <i>Lieut. R.E.</i>	{ Cox & Co., Hornby Road, Bombay.
	1868 Feb. 4.	BEHR, FRITZ BERNARD	20 Bury Street, St. James's, S.W.
	1900 Dec. 4.	BEHRENS, GUSTAV	36 Princess Street, Manchester.
†	1901 Mar. 5.	BEILBY, GEORGE THOMAS, F.R.S.	11 University Gardens, Glasgow.
	1910 Dec. 6.	BENAVIDES, VICTOR	{ Hydrographic Office, Montevideo, Uruguay.
	1878 May 28.	{ BEVAN, <i>Rev.</i> JAMES OLIVER, M.A. (<i>Cantab.</i>)	{ Chillenden Rectory, Canterbury.
	1886 Dec. 7.	{ BINBY, WILLIAM HERBERT, <i>General U.S. Engs.</i>	{ 735 Southern Building, Washington, U.S.A.
t †	1896 Apr. 14.	BLOUNT, BERTRAM	76 York Street, Westminster, S.W.
	1901 Apr. 2.	BLOXAM, ARTHUR GEORGE	{ Birkbeck Bank Chambers, Southampton Buildings, W.C.
	1911 Jan. 10.	BOND, HECTOR HAROLD	74 King's Road, Brighton.
t t †	1856 Dec. 2.	{ BOULTON, <i>Sir</i> SAMUEL BAGSTER, <i>Bart.</i>	{ 64 Cannon Street, E.C. (Burboul, London. Bank 547.)
	1892 Dec. 6.	BOUSFIELD, JOHN EBENEZER	{ 15 South Street, Finsbury, E.C. (Invention, London. Central 4492.)
	1881 Feb. 1.	{ *BOUSFIELD, WILLIAM ROBERT, K.C.	{ 2 Crown Office Row, Temple, E.C.
	1905 Dec. 5.	{ BOYLE, <i>Sir</i> CAVENDISH, K.C.M.G.	{ 100 Piccadilly, W.
	1906 Feb. 6.	BRANDAÔ, JULIO (Sobrinho)	{ c.o. Secretaria da Agricultura, Sao Paulo, Brazil.

Date of Election.		ASSOCIATES.	
1895 Dec.	3.	BURT, GEORGE	19 Grosvenor Road, S.W.
1886 Apr.	6.	BURT, Sir JOHN MOWLEM ..	19 Grosvenor Road, S.W.
1872 Feb.	6.	BUTLER, JAMES WILLIAM ..	29 Glenshiel Road, Eltham, Kent.
1908 Dec.	1.	{ BUTTERFIELD, WILLIAM JOHN } { ATKINSON, M.A. (<i>Oxon.</i>) .. }	66 Victoria Street, S.W.
m † 1899 Dec.	5.	BUTTERS, CHARLES	{ 121 Fifty-ninth Street, Oakland, California, U.S.A.
1876 Dec.	5.	{ CALL, CHARLES FREDERIC, Lt.- } { Colonel R.E. ret. }	Major Minter, R.E., 11 Albany Road, Bexhill.
1910 Apr.	5.	{ CALTHROP, CALTHROP GUY } { SPENCER }	c/o. H. C. Calthrop, 1 Fleet Street, E.C.
1866 Dec.	4.	{ CAPPEL, Sir ALBERT JAMES } { LEPPOC, K.C.I.E. }	27 Kensington Court Gardens, S.W.
1885 Jan.	13.	CARD, HENRY	Lewes.
1869 Apr.	6.	CARPNAEL, ARTHUR	{ 24 Southampton Buildings, W.C. (2608.)
1879 May	6.	{ CARPMAEL, EDWARD, } { B.A. (<i>Cantab.</i>) }	The Ivies, St. Julian's Farm Road, Norwood, S.E.
1904 Jan.	12.	{ CASTLE, SYDNEY CHARLES } { COURTENAY }	37 Outer Temple, 222 Strand, W.C.
1879 Mar.	4.	CLARK, MATEO	55 Holland Park Avenue, W.
1897 Mar.	2.	{ *CLARKE, EDWARD RUSSELL, } { B.A. (<i>Cantab.</i>) }	11 King's Bench Walk, Temple, E.C.
1912 Dec.	3.	COMBER, JOSEPH FORSTALL ..	{ Lagunas Syndicate, Ltd., Iquique, Chile.
1899 Feb.	7.	COOKE, WILLIAM GEORGE ..	35 Walbrook, E.C.
1908 Feb.	4.	CORDEROY, GEORGE	21 Queen Anne's Gate, S.W.
1874 May	12.	{ CRAMPTON, THOMAS HILLAS, } { B.A. (<i>Cantab.</i>) }	20 Wilbury Road, Hove, Sussex.
1890 Jan.	14.	{ CUBILLO, LEANDRO, General, } { Royal Spanish Artillery .. }	Carretera de Santo Domingo, Oviedo, Spain.
† 1880 Jan.	13.	CUNNINGHAM, WILLIAM MARTIN	God's Oak, Cheshunt, Herts.
T t † 1882 Dec.	5.	{ CUNNINGHAM, ALLAN JOSEPH } { CHAMPNEYS, Lt.-Col. R.E. ret. }	20 Essex Villas, Kensington, W.
1882 May	2.	CUTBILL, WALTER JOHN CHARLES	37 Old Jewry, E.C.
1891 Jan.	13.	DALLAS, JAMES, Colonel R.E.	{ Deputy Director-General of Military Works, Simla, India.
1908 Mar.	3.	DAVIES, EDWARD HERBERT ..	Westfield, Clytha Park, Newport, Mon.
1874 Dec.	1.	DAVIS, ALFRED	{ 26 Victoria Street, S.W. (Synd. London.)
† 1908 Jan.	14.	DAVIS, ARTHUR CHARLES ..	Downing Grove, Cambridge.
F † 1883 Dec.	4.	{ DAWKINS, W. BOYD, } { M.A., D.Sc. (<i>Oxon.</i>), F.R.S. }	Fallowfield House, Fallowfield, Manchester. S.W.
t † 1867 Dec.	3.	DELANO, WILLIAM HENRY ..	13 Barkston Gardens, Earl's Court,
1905 Jan.	10.	{ DEWHURST, CHARLES BENNETT, } { M.Sc. (<i>Victoria</i>) }	33 Torbay Road, Charlton-cum- Hardy, Manchester.
1891 Dec.	1.	DONKIN, JOHN BLOYD	Lake Cowal, Wyalong, N.S.W.
1904 Dec.	6.	DOULTON, HENRY LEWIS ..	{ Bowling Green House, Putney Heath, S.W.
1875 Apr.	6.	{ DOWDEN, THOMAS FREEMAN, } { Colonel R.E. ret. }	E. Strong, District Loco. Supt., N.W. Ry., Rawul Pindi, Punjab.

	Date of Election.	ASSOCIATES.	
	1910 Dec. 6.	DUNN, WILLIAM	35 Lincoln's Inn Fields, W.C.
	1894 Dec. 4.	DUPRAT, AUGUSTO	2410 Oro (Palermo), Buenos Aires.
	1904 Apr. 12.	ELLIS, CHARLES EDWARD ..	Rampton Manor, Lincoln.
	1857 Feb. 3.	EPSTEIN, LÉON	
	1907 Apr. 23.	FERGUSON, MEPHAN	{ Gordon Street, Footscray, Victoria, Australia.
	1864 May 1.	FIELD, SIDNEY	{ Ashfield Lodge, near Bury St. Edmunds.
	1910 Dec. 6.	{ FLEMING, JOHN GIBSON, <i>Captain</i> R.E.	{ Royal Engineer Office, Rouge Bouillon, Jersey.
	1852 May 4.	{ FORREST, JAMES (<i>Honorary Secretary</i>)	{ The Institution of Civil Engineers, Great George Street, S.W. (Institution, London. Victoria 4577.)
	1903 Mar. 3.	{ FREDERICK, GEORGE CHARLES, <i>Captain</i> R.N.	{ Les Giroflées, Boulouris-sur-Mer, nr. St. Raphaël, France.
	1895 Dec. 3.	FREEMAN, WILLIAM ROBERT	29 Cambridge Sq., Hyde Park, W.
	1900 Feb. 6.	FUJII, TERUGORO	{ Engineering Dept., Admiralty, Tokio, Japan [<i>via</i> Siberia].
	1908 Feb. 4.	GARDINER, ALEC, <i>Major</i> R.E.	{ Oudh & Rohilkhand Ry., Lucknow, India.
	1910 Dec. 6.	GERSON, FELIX VON	99 Clement's Inn, Strand, W.C.
	1896 Jan. 14.	GIBB, <i>Sir</i> GEORGE STEGMANN	{ By Caesar's Camp, Wimbledon Common, S.W.
	1895 Dec. 3.	{ GIBBON, JAMES AUBREY, <i>Colonel</i> R.E.	{ 11 Bryanston Square, W.
	1904 Dec. 6.	{ GLAZEBROOK, RICHARD TETLEY, C.B., M.A. (<i>Cantab.</i>), D.Sc. (Victoria), F.R.S.	{ Bushy House, Teddington, Middlesex.
	1902 Jan. 14.	GORDON, JOSEPH GORDON ..	Queen Anne's Mansions, S.W.
	1874 Dec. 1.	GUNN, WILLIAM CECIL	The Red House, Bickley, Kent.
	1911 Dec. 5.	{ HALL-JONES, <i>Hon. Sir</i> WILLIAM, K.C.M.G.	{ Wellington, New Zealand.
	1878 Mar. 5.	{ HAMMOND, GEORGE CRISPIN, <i>Commander</i> R.N.	{ 5 Beacon Terrace, Falmouth.
	1871 Dec. 5.	HARDING, JOSEPH RAKE	Local Board of Health, Epsom.
	1887 Dec. 6.	{ HARRISON, <i>Sir</i> RICHARD, <i>General</i> R.E., G.C.B., C.M.G.	{ Ashton Manor, Dunsford, Exeter.
T †	1906 Dec. 4.	{ HARTS, WILLIAM WRIGHT, <i>Colonel</i> , <i>Corps of Engineers</i> , U.S. Army	{ Office Public Buildings and Grounds, Lemon Building, Washington, D.C., U.S.A.
	1906 Feb. 6.	HAWKINS, CHARLES EDWARD ..	{ 23 Dalebury Road, Upper Tooting, S.W.
	1858 Apr. 13.	HAWKINS, WILLIAM BAILEY ..	{ 144 Palmerston House, Bishopsgate Street, E.C. (Bailey Hawkins, London.)
	1872 Mar. 5.	{ HAYDON, WILLIAM HENRY, <i>Lt.-Colonel</i> R.E. <i>ret.</i>	{ Malmesbury, Wilts.
†	1900 Jan. 9.	{ HEARN, GORDON RISLEY, <i>Major</i> R.E.	{ 5 Derwent Road, Eastbourne.

Date of Election.	ASSOCIATES.	
1904 Jan. 12.	HEMINGWAY, CHARLES ROBERT	16 South Parade, Doncaster.
1905 Dec. 5.	{HEMMING, EDWARD HUGHES, Col. R.E.}	39 Tregunter Road, S.W.
1909 Dec. 7.	{HENNIKER, ALAN MAJOR, Major R.E.}	Penrhyn, St. Michael's Road, Aldershot.
1908 Dec. 1.	{HENRICI, ERNST OLAF, <i>Capt.</i> R.E.}	52 Archers Road, Southampton.
1911 Apr. 4.	HERMESSEN, JOHN LOUIS ..	{Chief Engr., Survey of Trans- Amazon Ry. of Ecuador, Casilla 500, Guayaquil, Ecuador.
1910 Dec. 6.	{*HERON, ALEXANDER MAC- MILLAN, B.Sc. (<i>Edin.</i>) ..}	Geological Survey of India, Calcutta.
1906 Dec. 4.	HILDITCH, JAMES BRACEBRIDGE	Asgill House, Richmond.
1851 Apr. 1.	HILL, JULIAN	8 Dean's Yard, Westminster, S.W.
1910 Apr. 5.	HILL, WILLIAM	Apedale, Newcastle, Staffs.
1876 Jan. 11.	{HIME, <i>Rt. Hon. Sir</i> ALBERT HENRY, <i>Lt.-Colonel</i> R.E. <i>ret.</i> K.C.M.G., P.C., LL.D. (<i>Edin.</i>)}	Lymbrook, Marlow, Bucks.
1914 Apr. 21.	{HODGETTS, EDWARD ARTHUR BRAYLEY}	36 Elvaston Place, S.W.
1876 May 30.	HODGSON, HENRY TYLSTON ..	Harpenden, Herfs.
1881 Mar. 1.	HOLLINGS, JAMES SPENCER ..	Stoney Grove House, Nevis, B.W.I.
1897 Mar. 2.	HOPKINSON, JOHN	Weetwood, Watford.
1911 Jan. 10.	{HORNE, JAMES WILLIAM, B.Sc. (<i>Edin.</i>)}	Llandudno, Bexley Road, Bely- dere, Kent.
1867 Dec. 3.	HOWARD, JOHN	171 Preston Road, Brighton.
1904 Apr. 12.	HYTHIE, <i>Viscount</i> , M.A. (<i>Oxon.</i>)	28 Victoria Street, S.W.
1908 Apr. 7.	{INGLES, PHILIP HENRY BLEGH, M.A. (<i>Cantab.</i>)}	12 Oakley Street, Chelsea, S.W.
1911 Apr. 4.	{INGLES, WALTER CULPEPPER STAUSER}	Deputy Surveyor-General, Ceylon.
1887 May 3.	JACKSON, <i>Sir</i> JOHN, F.R.S.E. .	53 Victoria Street, S.W.
✠ 1876 Feb. 1.	{JACOB, <i>Sir</i> SAMUEL SWINTON, Col. <i>Indian Staff Corps</i> , K.C.I.E., C.V.O.}	H. S. King & Co., Pall Mall, S.W.
1866 Feb. 6.	JAMES, FREDERICK	48 Tregunter Road, Brompton, S.W.
1906 Apr. 3.	JONES, ERNEST EDWARDS ..	{York House, Newmarket Road, Cambridge.
1887 Dec. 6.	JORDAN, WILLIAM LEIGHTON ..	{Royal Societies Club, St. James's Street, S.W.
1901 Dec. 3.	{KILBURN, BERTRAM EDWARD DUNBAR, M.A. (<i>Cantab.</i>) ..}	Chancery Lane Station Chambers, High Holborn, W.C.
1906 Dec. 4.	{LAMBERT, <i>Professor</i> CARLTON JOHN, M.A.}	Buckhurst Lodge, Westerham Hill, Kent.
✠ 1905 Dec. 5.	LAMBERT, WESLEY JOHN ..	41 Bromley Road, Catford, S.E.
1884 Dec. 2.	LASS, ALFRED	{352 Upper Richmond Road, Putney, S.W.
1907 Mar. 5.	LAWLEY, ALFRED LEONARD ..	1 Broad Street Place, E.C.
1908 Jan. 14.	LEES, EBENEZER ANTONY ..	{Thirlmere, Anderton Park Road, Moseley.

Date of Election.		ASSOCIATES.	
1897 Dec. 7.	{ LISBÔA, MIGUEL RIBEIRO, <i>Cap- tain Brazilian Navy ret.</i> .. }	49 Large de Nazareth, Para, Brazil.	
1911 Feb. 7.	LISTER, FRANCIS VIVIAN ..	9 New Broad Street, E.C.	
1905 Apr. 11.	{ LLOYD, EDWARD HONORATUS, } K.C. }	9 Bridge Street, Westminster.	
1883 Dec. 4.	LORIMER, WILLIAM	Glasgow Loco. Works, Glasgow.	
1879 Dec. 2.	{ LUCAS, Sir ARTHUR CHARLES, } Bart. }	42 Half Moon Street, Piccadilly, W.	
1908 Feb. 4.	McALPINE, THOMAS MALCOLM	2 Central Buildings, Westminster,	
1907 Jan. 8.	{ MACASSEY, LYNDEN LIVINGSTON, } K.C., M.A., LL.D. (<i>Dubl.</i>) .. }	38 Parliament Street, S.W. [S.W.	
1907 Jan. 8.	MACAULAY, JOHN	Croesonen, Llangibby, Mon.	
1908 Jan. 14.	MACKENZIE, ALEXANDER ..	19 Greenhill Gardens, Edinburgh.	
1910 Dec. 6.	MACKENZIE, LACHLAN PATERSON	5 Polwarth Terrace, Edinburgh.	
1899 Jan. 10.	{ MACMORRAN, ALEXANDER, } M.A. (<i>Edin.</i>), K.C. }	3 Temple Gardens, E.C.	
1901 Dec. 3.	{ MAIA, ALFREDO EUGENIO } ALMEIDA }	Rua Pirapetinguy 28, S. Paulo, Brazil.	
1912 Dec. 3.	{ MANLEY, JOHN CHARLES MED- } LAND }	R.A. Mess, Kamptee, India.	
1888 May 15.	{ MANN, JAMES ROBERT, <i>Maj- General R.E. ret.</i> C.M.G. }	Highfield Lodge, Tilehurst, Berks.	
1907 Feb. 5.	MANSON, OSWALD JOHN ..	Municipal Offices, Liverpool.	
1906 Apr. 3.	MASON, Sir THOMAS	Polmadie, Glasgow.	
1859 Apr. 5.	MEREDITH, JOHN BULT	9 Sydenham Road, Croydon.	
1905 Dec. 5.	MEYER, SEBASTIAN WILLIAM	{ Brackenhill, St. George's Place, York.	
1877 Apr. 10.	MIDDLETON, JOHN THOMAS ..	Everlands, Woking, Surrey.	
1908 Apr. 7.	*MIDDLETON, THOMAS TYSON ..	{ 2 Central Buildings, Westminster, S.W.	
1912 Dec. 3.	{ *MITCHELL, KENNETH } WILLIAM SANDERSON }	Survey Dept., Ceylon.	
1911 Apr. 4.	{ MONRO, CHARLES EDWARD, } Capt. R.N. }	Board of Trade, 7 Whitehall Gar- dens, S.W.	
1904 Dec. 6.	MOON, ERNEST, K.C.	48 Cadogan Square, S.W.	
m 1898 Dec. 6.	*MORRIS, JOHN TURNER	{ 36 Cumberland Mansions, Seymour Place, W.	
1883 May 1.	MOULTON, Lord, P.C., F.R.S.	57 Ouslow Square, S.W.	
1904 Dec. 6.	MUNDEY, ALFRED HOLLEY ..	14 Wrottesley Road, Plumstead.	
1897 Feb. 2.	{ NARES, Sir GEORGE STRONG, } K.C.B., <i>Vice-Admiral</i> .. }	10 Uxbridge Road, Kingston-on- Thames.	
1872 Dec. 3.	{ NICHOLSON, Lord, <i>Field-Mar- shal</i> , G.C.B. }	War Office, Pall Mall, S.W.	
1908 Apr. 7.	NOTT, LOUIS PHILIP	Stoke House, Stoke Bishop, Bristol.	
1905 Apr. 4.	NOYES, EDWARD	{ 115 Clarence Street, Sydney, New South Wales.	
T t † 1866 Feb. 6.	{ O'CONNELL, PETER PIERCE } LYONS, <i>Maj.-Gen. R.E. ret.</i> }	Sibertswold, Highland Road, Bromley, Kent.	
1911 Dec. 5.	{ OLDHAM, LESLIE WILLIAM } SEARLES, <i>Major R.E.</i> }	Nagpur, C.P., India.	
1901 Mar. 5.	{ OLIVER, CHARLES NICHOLSON } JEWEL, C.M.G. }	10 Ocean House, Moore Street, Sydney, N.S.W.	

Date of Election.		ASSOCIATES.	
1898 Dec. 6.	6.	{ OWEN, PERCY THOMAS, Lt.-Col. } N.S.W. Headquarters Staff	Director-General of Works, Dept. of Home Affairs, Melbourne, Victoria.
1877 Jan. 16.	16.	PAIN, COARD SQUAREY	51 North John Street, Liverpool.
1891 Feb. 3.	3.	{ *PAUL, ERNEST MONCREIFF, } Lt.-Colonel R.E.	Colombo, Ceylon.
1895 Dec. 3.	3.	{ PAULING, GEORGE CRAIG } SAUNDERS	28 Victoria Street, S.W.
1878 Mar. 5.	5.	{ PERKS, Sir ROBERT WILLIAM, } Bart.	11 Kensington Palace Gardens, W.
1888 Dec. 4.	4.	PERRY, WILLIAM ALFRED	7 East 56th Street, New York.
1885 Apr. 14.	14.	PESTONJEE, NOWROJEE	Ahmedabad, India.
1872 Jan. 9.	9.	PYE-SMITH, ARTHUR	28 Gracechurch Street, E.C.
1891 Mar. 3.	3.	RADCLIFFE, ALEXANDER NELSON	{ 20 Craven St., Strand, W.C. (Drac- cliffe, London. Gerrard 2505.)
1898 Jan. 11.	11.	{ RADCLIFFE, PHILIP JOHN } JOSEPH, Major R.E.	R.E. Mess, Hong Kong [via Siberia].
1897 Dec. 7.	7.	RAILTON, JAMES	11 Great George Street, S.W.
1909 Jan. 12.	12.	{ RANA, KESHORE NARISING, Col. } Nepalese Army	Khatmandhu, Nepal, India.
1899 Jan. 10.	10.	{ RANA, KUMAR NUR SINGH, } Bahadur	Khatmandhu, Nepal, India.
1883 Dec. 4.	4.	RANDALL, JOSEPH	Warren Lane Works, Woolwich.
1911 Dec. 5.	5.	{ RANSFORD, ROBERT BOLTON, } M.A. (Camb.)	24 Southampton Buildings, W.C.
T t † 1872 Feb. 6.	6.	REDGRAVE, GILBERT RICHARD	{ Thriffwood, Silverdale, Sydenham, S.E.
t † 1892 Jan. 12.	12.	{ REDWOOD, Sir BOVERTON, } Bart., F.R.S.E.	4 Bishopsgate, E.C. (Olefiant, Lon- don.)
† 1909 Dec. 7.	7.	*REID, NORMAN, B.E. (Sydney)	{ Holmsdale, Edwards Street, Pymble, New South Wales.
1872 May 7.	7.	*REYNOLDS, THOMAS	Edgemoor, Frimley, Surrey.
1899 Jul. 10.	10.	RIDLEY, THOMAS WILLIAM	Willmoteswick, Coatham, Redcar.
1895 Dec. 3.	3.	ROBINSON, FREDERICK ARTHUR	Woodthorpe, Cobham, Surrey.
1907 Apr. 23.	23.	{ ROSKILL, JOHN, K.C., M.A. } (Oxon.), B.Sc. (Manchester)	1 Paper Buildings, Temple, E.C.
1882 May 23.	23.	{ SALOMONS, Sir DAVID LIONEL, } Bart.	49 Grosvenor Street, W.
† 1913 Mar. 11.	11.	{ SANKEY, CROFTON EDWARD } Pym, Capt., R.E.	e.o. Cox & Co., 16 Charing Cross, S.W.
1869 Apr. 6.	6.	{ SARGEANT, RICHARD ARTHUR, } Colonel R.E. ret.	Westridge, Aspley Guise, Beds.
1883 Mar. 6.	6.	{ SCOTT, Sir BUCHANAN, Colonel } R.E., K.C.I.E.	14 Barkston Gardens, S. Kensington, S.W.
1899 Feb. 7.	7.	SCOTT, CHARLES THOMAS	{ Buckland Manor, Broadway, Worces- tershire.
1887 Dec. 6.	6.	{ SCRATCHLEY, PHILIP ARTHUR, } M.A. (Oxon.)	17 Victoria Street, S.W.
1897 Dec. 7.	7.	{ SIMPSON, EDWARD PERCY, } M.A. (Oxon.)	58 Kensington Gardens Square, W.
1907 Dec. 3.	3.	SMITH, FREDERICK RICHARD	Meadowside, Slade's Hill, Enfield.
1888 Apr. 10.	10.	SMITH, JOSEPH HENRY	{ St. Stephen's Club, Westminster, S.W.
1912 Feb. 6.	6.	SMITH, THOMAS HARRINGTON	{ Ports and Harbour Dept., Melbourne Victoria.

Date of Election.	ASSOCIATES.	
1878 Mar. 5.	SPENOE, SAMUEL	{ 16 Dowgate Hill, E.C. (Tubes, London. City 4917.)
1898 Mar. 1.	{ STENNING, Sir ALEXANDER ROSE }	{ 121 Cannon Street, E.C.
1871 Mar. 7.	STERNE, LOUIS	{ Donnington House, Norfolk Street, W.C. (Elsterne, London. Gerrard 1989.)
1895 Dec. 3.	STEVENS, GEORGE JAMES ..	{ 34 Platts Lane, Hampstead, N.W.
1893 Dec. 5.	STEWART, JAMES, Major R.E. <i>ret.</i>	{ 90 Coleherne Court, The Boltons, S.W.
1912 Jan. 9.	SYMONDS, JOHN	{ 222 Clarence Street, Sydney, N.S.W.
1906 Mar. 6.	TEMPLETON, ROBERT STANER	{ Survey Department, Ceylon.
1883 Jan. 9.	THEOBALD, JOHN WILSON ..	{ 8 Fairfield Road, Croydon.
1908 Jan. 14.	THOM, WILLIAM	{ Tramway Depôt, Stoke-on-Trent.
1905 Jan. 10.	{ THRELFALL, Professor RICHARD, M.A. (<i>Cantab.</i>), F.R.S. .. }	{ Oakhurst, Church Road, Edgbaston, Birmingham.
1880 Jan. 13.	TOPHAM, WILLIAM HAMPSON ..	{ 11 Great George Street, S.W. (Canal, London.)
1888 Mar. 6.	TRAUTWINE, JOHN CRESSON, JUN.	{ 257 South 4th St., Philadelphia, U.S.
1904 Apr. 12.	TYLER, WILLIAM FERDINAND	{ Shanghai, China [<i>via</i> Siberia].
1907 Dec. 3.	{ USEORNE, PHILIP OSBERT GOR- DON, Capt. R.E. }	{ Dunlea, Queenstown, Ireland.
1868 Mar. 3.	VICKERS, ALBERT	{ 28 Victoria Street, S.W.
1904 Dec. 6.	VIGERS, LESLIE ROBERT	{ 4 Frederick's Place, Old Jewry, E.C.
1894 Dec. 4.	WALKER, CHARLES HAY	{ 15 Great George Street, S.W.
1913 Dec. 2.	{ WALTON, CUSACK, Captain R.E. }	{ c.o. Cox & Co., 17 Charing Cross, S.W.
1911 Apr. 4.	WARD, CHARLES FREDERICK ..	{ Town Hall, Newport, Mon.
1907 Dec. 3.	WARREN, PHILIP DAVID, C.M.G.	{ Boulderwood, Mount Hermon Road, Woking.
1898 Jan. 8.	WATSON, CHARLES HUBBARD	{ 5 Park Place, Gravesend.
1910 Dec. 6.	{ WATSON, DAVID MILNE, M.A., LL.B. (<i>Oxon.</i>) }	{ 39 Eccleston Square, S.W.
1884 Dec. 2.	WATSON, Sir WILLIAM	{ 25 Fitzwilliam Place, Dublin. (Watson, Dublin.)
1879 May 6.	{ WESTERN, JAMES HALIFAX, Lt.-Col. R.E. <i>ret.</i> , C.M.G. .. }	{ Hestercombe, Carlton Road, Harpenden, Herts.
1885 Feb. 3.	{ WHITAKER, WILLIAM, B.A. (<i>Lond.</i>), F.R.S. }	{ Freda, Campden Road, Croydon.
1872 Apr. 9.	WHITE, FREDERICK ANTHONY	{ 72 Fenchurch Street, E.C. (Avenue 5690.)
1888 Dec. 4.	WILCOX, BENJAMIN	{ 47 Lincoln's Inn Fields, W.C.
1901 Dec. 3.	WINN, JOHN, Lieut.-Col. R.E.	{ Whyteleafe, The Grange, Wimbledon, S.W.
1876 May 2.	WOODHOUSE, THOMAS WALTER	{ 7 Leonard Place, Kensington, W.
1874 Mar. 3.	WOODS, ARTHUR	{ 18 Lancaster Gate Terrace, W.
1882 Dec. 5.	YERBURGH, JOHN EARDLEY ..	{ 21 Queen Anne's Gate, S.W.
1877 Feb. 6.	YOUNG, SEPTIMUS	{ 5 Victoria Street, S.W.

Total number of Associates 210.

STUDENTS.

[Stud. Inst. C.E.]

Date of Admission.	STUDENTS.	
1913 Nov. 18.	{ ABBOTT, WILLIAM SCOTT, } { B.Sc. (<i>Birmingham</i>) }	Office of Chief Engr. of Existing Lines, Perth, W. Australia.
1907 Mar. 26.	ADAIR, ERIC PEARSON	{ Louis Adair, Selby Terrace, Maryport, Cumberland.
1908 Mar. 31.	{ ADAMS, EDWARD SIDNEY ROY- } { STONE }	Tankerton Castle, Whitstable.
1909 Jan. 19.	ADAMS, JOSIAH LOGAN	Wall Vicarage, Lichfield.
1913 Nov. 18.	ADCOCK, HUBERT PERCY	{ 36 St. George's Avenue, Tufnell Park, N.
1914 Mar. 24.	ADDISON, ARTHUR JAMES	{ 20 Cambridge Road, Thornaby-on-Tees.
1912 Mar. 19.	ADDISON, HERBERT, B.Sc. (<i>Leeds</i>)	100 North Station Road, Colchester.
1908 Dec. 1.	AINLEY, ERIC EDWIN	Martin Bank, Huddersfield.
1910 Mar. 22.	AINSWORTH, ERNEST	{ Permanent Way Engr.'s Dept., Corporation Tramways, 55 Piccadilly, Manchester.
1914 Mar. 3.	{ ALDERTON, TREVOR DUDLEY } { HALL }	Public Works Office, Auckland, New Zealand.
1910 Mar. 22.	ALEXANDER, ERNEST DANIEL	Council Offices, Sidcup, Kent.
1913 Mar. 18.	{ ALEXANDER, FREDERICK VION- } { NÉE }	{ 17 Victoria Road, Waterloo, Liverpool.
1914 Mar. 24.	{ ALEXANDER, GEORGE PATTERT- } { SON }	94 Forfar Road, Dundee.
1910 Mar. 22.	ALLAN, GEORGE JOSEPH	36 Fonthill Road, Aberdeen.
1913 Mar. 18.	ALLAN, WILLIAM GEORGE	4 Park Avenue, Barrow-in-Furness.
1909 Mar. 23.	ALLEN, HAROLD	{ Suntok T.E., Nazira P.O., Upper Assam, India.
1912 Nov. 19.	AMARNATH, B.Sc. (<i>Glas.</i>)	Chunian, District Lahore, India.
1911 Nov. 28.	AMOR, ALBERT HENRY	{ 2 Idrone Terrace, Blackrock, Dublin.
1912 Feb. 6.	ANDERSON, ALEXANDER	South Bank, Peebles.
1913 Jan. 28.	ANDERSON, DAVID BOSWELL	5 Lintrathen Gardens, Dundee.
1914 Nov. 28.	ANDERSON, FREDERICK	31 Holburn Road, Aberdeen.
1913 Dec. 16.	{ ANDERSON, GEORGE ROBERT, } { B.Sc. (<i>Engineering</i>) (<i>Lond.</i>) }	Gasworks, Tipperary.
1914 Mar. 24.	ANDERSON, JOHN	{ 59 Woodbine Road, Gosforth, Newcastle-upon-Tyne.
1912 Nov. 19.	{ ANDERSON, WILLIAM, } { B.Sc. (<i>Glas.</i>) }	{ 24 Sutherland Avenue, Pollokshields, Glasgow.
1911 Nov. 14.	ANDERSON, WILLIAM ALEXANDER	{ North-Western Ry., Khanewal, Punjab, India.
1912 Mar. 26.	ANDERSON, WILLIAM FORSYTH	161 Princes Street, Dundee.
1911 Apr. 25.	ANGELIS, MARIO DE	119 Avenue Mozart, Paris.
1909 Nov. 16.	ANGUS, STEWART	{ Via y Obras, F.C. del Sud, Buenos Aires.
1913 Apr. 29.	{ ANGWIN, HUGH THOMAS } { MOFFITT, B.Sc. (<i>Adelaide</i>) }	Jamestown, South Australia.
1909 Dec. 21.	{ ANTHONY, ADAM CHARLES } { ERIC }	Bahau, Negri Sembilan, F.M.S.
1914 Apr. 7.	APPLEBY, ERIC	{ Farnley, Moor Park, Great Crosby, Liverpool.

Date of Admission.	STUDENTS.	
1914 Apr. 21.	{APTHOMAS, ROBERT TIBBOT	68 Prudential Buildings, Park Row, Leeds.
1910 Nov. 29.	{ KERRIS }	13 Philip Street, Carnoustie, N.B.
1908 Apr. 14.	ARCHER, RONALD GORDON ..	{Farnley Iron Co., Ltd., Farnley, Leeds.
1911 Dec. 5.	{ARMSTRONG, LAURENCE ROBERT,	c.o. Minter, Pinewood Road, Eaglescliffe, Durham.
1914 Mar. 24.	{ B.Sc. (Edin.) }	5 Sefton Avenue, Beeston Hill, Leeds.
1914 Feb. 17.	ARMSTRONG, WALTER	{ 4 Rudall Crescent, Hampstead, N.W.
1912 Nov. 19.	{ASH, HORACE WILLIAM,	{ 19 Portland Terrace, Jesmond, Newcastle-on-Tyne.
1914 Mar. 24.	{ B.Sc. (Engineering) (Lond.) }	
1908 Nov. 24.	{ASHBEE, THOMAS CHARLES	71 Picardy Hill, Belvedere, Kent.
1910 Dec. 20.	{ GILBERT }	{Southweald, Grove Park, Wanstead, N.E.
1911 Mar. 28.	ASHERIDGE, NOEL	42 Westminster Street, Crewe.
1911 Dec. 5.	ASHBY, HAROLD WILLIAM ..	37 Kent Road, Harrogate.
1912 Dec. 17.	ASPLAND, GEORGE DYSON ..	Hamilton Lodge, Bickley, Kent.
1909 Dec. 21.	ASTLE, ERIC	{Res. Engr.'s Office, G.C. Ry., Barnby Dun, Doncaster.
1913 Nov. 18.	{ATKINS, EDWARD MAURICE,	{Colliers, Brampton, Newcastle, Staffs.
1908 Dec. 1.	{ B.A. (Cantab.) }	
1913 Nov. 25.	{ATKINSON, ARCHIBALD JOHN	{The Rectory, Oudtshorn, Cape Colony.
1909 Nov. 30.	{ BUCHANAN }	259 Dewsbury Road, Leeds.
	ATKINSON, GEORGE	123 Cathedral Road, Cardiff.
	ATKINSON, LANCELOT WILLIAM	Waterworks, Southend-on-Sea.
	AYRIS, NORMAN	
1913 Mar. 18.	BADCOCK, WILLIAM BURTON ..	115 Okehampton Road, Exeter.
1909 Nov. 23.	{BAIKIE, HUGH McANDREW,	King, Hamilton & Co., Calcutta, India.
1911 Nov. 14.	{ B.Sc. (Edinburgh) }	{Great Western of Brazil Ry., Caixa 114, Pernambuco, Brazil.
1913 Nov. 18.	{BAILEY, ALFRED, B.Sc. (Man-	Lawton Mere, <i>via</i> Rode Heath, Stoke-on-Trent.
1908 Nov. 17.	{ chester) }	
1912 Mar. 26.	{BAILEY, CECIL HENRY,	13 Bennetts Hill, Birmingham.
1908 Nov. 17.	{ B.Sc. (Birmingham) }	{Hampshire Lodge, Weston Grove Road, Woolston, Southampton.
1910 Nov. 8.	BAILY, GUY	{Mrs. Hayes, 19 Gordon Street, Hartsbill, Stoke-on-Trent.
1910 Nov. 29.	BAINES, HERBERT	{R. McAlpine & Sons, Alwen Reservoir, Cerrig-y-Druidion, N. Wales.
1909 Mar. 25.	BAKER, CHARLES GEORGE ..	Bolbec Hall, Newcastle-on-Tyne.
1908 Mar. 17.	BAKER, ERNEST REGINALD ..	Britannia Beach, B.C., Canada.
	BAKER, HUGH WILLIAM	{Irrigation Office, P.W.D., Kuala Lumpur, F.M.S.
1911 Nov. 28.	{BAKER, PERCY NEVILLE HUM-	{Stores Dept., B.B. & C.I. Ry., Parel, Bombay.
1912 Apr. 2.	{ PHRY }	Brotherstone, St. Margaret's Bay.
1911 Nov. 28.	{BAKER, VERNON GOLDSMID ..	{ 4 Upper Aughton Road, Birkdale, Southport.
1913 Mar. 18.	{BALDWIN, ROBERT ALEXANDER,	{ 37 Lennox Avenue, Scotstoun, Glasgow.
1912 Nov. 19.	{ B.Eng. (Liverpool) }	
1911 Apr. 4.	{BALFOUR, CLAUD MALCOLM,	{c.o. Roseneath, Sydenham Park Road, Sydenham, S.E.
	{ B.A. (Cantab.) }	
	BALFOUR, GEORGE FREDERICK	
	BALL, ALFRED JOHN	

Date of Admission.	STUDENTS.	
1914 Feb. 24.	{BAMJEE, SORAB DINSHAW, B.Sc. (Engineering) (Lond.)}	196 Broomwood Road, Clapham Common, S.W.
1911 Nov. 28.	BANERJEE, AMNYA CHAHAN ..	{Baidyabaty, District Hooghly, Bengal.
1911 Mar. 28.	BANNISTER, WALTER	
1913 Nov. 18.	BARLERIN, ALEXANDER	{c.o. J. M. C. Barlerin, 37 Cavendish Road, Clapham Park, S.W.
1911 Nov. 14.	BARLING, WALTER HENRY ..	{Glencoe, Burchbro Road, Abbey Wood, Kent.
1913 Mar. 18.	BARNARD, ARTHUR THOMAS ..	2 Maximfeldt Road, Erith, Kent.
1914 Mar. 3.	BARNARD, EDWARD ERNEST ..	{Thorpe, St. James' Road, Sutton, Surrey.
1911 Mar. 28.	BARNES, ERIC EARLE	22 Park Hill, Ealing, W.
1912 Mar. 26.	{BARNES, HENRY WILFRED, B.Eng. (Sheffield)}	{J. G. White & Co., Ltd., Caixa do Correio 30, Para, Brazil.
1910 Mar. 22.	BARRATT, JOHN, JUN.	{54 Rowland Place, Dewsbury Road, Leeds.
1914 Mar. 24.	BARRIE, WILLIAM	{7 Broompark Terrace, Dennistoun, Glasgow.
1911 Dec. 5.	BARTLETT, REGINALD FRANK	{6 Berkeley Terrace, Charing Cross, Glasgow.
1912 Jan. 30.	BARTON, JOHN EVERARD ..	167 Osmaston Road, Derby.
1911 Feb. 7.	{BARTON, REGINALD ERNEST, B.Sc. (Engineering) (Lond.)}	20 Vanbrugh Park, Blackheath, S.E.
1911 Nov. 28.	{BASHIRAM, SAHGAL, M.A. (Punjab)}	P.W.D., Amritsar, India.
1911 Nov. 14.	BASS, WALTER ALFRED GORDON	12 Little Heath, Old Charlton, Kent.
1913 Nov. 18.	{BATE, EDWYN ERNEST HOPE, B.Sc. (Engineering) (Lond.)}	27 Deodar Road, Putney, S.W.
1912 Nov. 19.	{BATES, HAROLD CHRISTOPHER, B.Sc. (Birmingham)}	New Works Engr.'s Office, Midland Ry., Derby.
1914 Apr. 7.	BATES, HARRY NOEL	24 Alexandra Court, Maida Vale, W.
1912 Mar. 26.	{BATH, AUGUSTINE CHARLES, COLEMAN}	47 Bellwood Street, Langside, Glasgow.
1912 Mar. 26.	BAXTER, GEORGE, JUN.	93 Commercial Street, Dundee.
1910 Nov. 29.	BAYLY, ERIC	Fishley Rectory, Acle, Norfolk.
1909 Jan. 26.	BEACHAM, THOMAS EDWARD ..	19 Corsica Street, Highbury, N.
1911 Jan. 31.	BEDINGTON, GUY CYRIL ..	P.W.D., Seremban, F.M.S.
1911 Nov. 14.	BEDWELL, FRANCIS CUELJE ..	8 Park Street, York.
1911 Mar. 28.	BEGG, WILLIAM POLLOCK ..	Tigh-an-rudha, Potterhill, Paisley.
1910 Feb. 22.	BEIT, RUPERT OWEN	{Cleveland Bridge Co., Caixa 34, Natal, Estado do Rio Grande do Norte, Brazil.
1914 Mar. 24.	BELL, DAVID JAMES	20 Rose Street, Aberdeen.
1913 Mar. 18.	BELL, DONALD JOHN	{Lister House, Chandler's Ford, Hants.
1913 Mar. 18.	BELL, JAMES INGLIS	{62 Sidney Grove, Newcastle-on-Tyne.
1911 Nov. 28.	BELL, JOHN SCOTT	12 Laurel Terrace, Armley, Leeds.
1913 Mar. 18.	BELL, JOHN WILSON	{10 Millview Terrace, Blackhall, Midlothian.
1914 Mar. 24.	BELL, OSWALD	{19 Primrose Terrace, Thornaby-on-Tees.
1910 Jan. 18.	BENNETT, ARTHUR THOMAS ..	Slad Farm, Stroud, Glos.
1910 Nov. 29.	{BENNETT, ROLAND, B.Sc. (Engineering) (Lond.)}	Glendair, Berkhamsted, Herts.
1913 Nov. 18.	{BERRY, FREDERICK, B.Sc. (Manchester)}	Bramall Lodge, Cheadle Hulme, Cheshire.
1908 Nov. 24.	BERRY, SAM BERRY	9 Sunnycroft Road, Hounslow, W.
1910 Mar. 22.	BESSANT, JOHN VICTOR ..	31 Pembroke Road, Erith, Kent.
1913 Nov. 18.	{BENT, HARRY MICHAEL, B.A. (Oxon.)}	47 Victoria Street, S.W.

Date of Admission.	STUDENTS.	
1911 Mar. 28.	BEVERIDGE, RONALD	24 Hunter Street, Kirkcaldy.
1907 Nov. 26.	BEWLAY, THOMAS HENRY ..	{ Water Branch, Dept. of Lands, Parliament Buildings, Victoria, B.C.
1913 Nov. 25.	{ BEWLEY, WILLIAM JAMES PURKIS }	5 Davis Street, Swindon.
1913 Nov. 25.	BEYER, HERMANN EMIL	{ 247 Kennington Road, Kennington, S.E.
1913 Jan. 28.	{ BHAGAT, SURENDRA SINGH, B.Sc. (Glasgow) }	Narayan Bhawan, Saidpur Road, Rawalpindi, India.
1913 Mar. 18.	BILES, ANDREW WHELDON ..	{ 7 Ellinger Terrace, Dalmauir, Dumbartonshire.
1913 Nov. 25.	BINDLEY, HERBERT DUNCOMBE	{ 326 Princes Road, Penkhull, Stoke-on-Trent.
1911 Jan. 17.	BINGHAM, ALFRED CYRIL ..	{ 19 Claremont Drive, Headingley, Leeds.
1913 Mar. 18.	BINNS, JOHN ERIC	18 Morland Road, Croydon.
1913 Nov. 18.	{ BION, MELVYN ROBERT KEMP, B.Sc. (Manchester) }	Homleigh, Wallington, Surrey.
1913 Mar. 18.	BION, RUPERT EUSTON	Trinity College, Cambridge.
1914 Mar. 24.	BISCH, HERBERT JAMES	Camp Mount, Tanshelf, Pontefract.
1914 Mar. 24.	BIRD, JOHN DURHAM	St. Fagan's Rectory, Cardiff.
1914 Mar. 24.	BISHOP, PERCY JAMES	{ Trevelyan Hotel, Tynemouth, Northumberland.
1909 Dec. 21.	BLACK, ERNEST	55 Balby Road, Doncaster.
1909 Dec. 21.	BLACK, ERNEST ALEXANDER ..	{ Engr.'s Dept., County Hall, Kingston-on-Thames.
1909 Nov. 16.	BLACKWOOD, ROBERT CECIL ..	Blackwood & Smith, Peebles.
1911 Nov. 28.	BLANCHARD, LESLIE WILLIAM	{ 117 Warwick Road, Philbeach Gardens, Earl's Court, S.W.
1913 Mar. 18.	{ BLEWITT, REGINALD THOMAS FISHER }	Lovatt, Ltd., Ealing & Shepherd's Bush Ry., Old Oak Lane, Acton, W.
1907 Nov. 12.	{ BLIZARD, WILLIAM EWART, B.Sc. (Engineering) (Lond.) }	Mirzapur Canal Division, Mirzapur, India.
1912 Mar. 19.	BLOMEFIELD, ALLAN HERBERT	{ E. W. Sheel, Sir John Jackson, Ltd., Grand Hotel D'Orient, Beyrouth, Syria.
1909 Dec. 21.	BLYTHE, FREDERICK THOMAS	{ 5 Knowsley Road, Magdalen Road, Norwich.
1910 Nov. 8.	BOAST, CHARLES ERIC	City Engr.'s Office, Coventry.
1911 Apr. 4.	BODGER, JOHN ERIC STURTON	{ G.N. Ry., Engr.'s Office, 74 Wellington Street, Leeds.
1911 Nov. 14.	{ BOEX, GEORGE JOSEPH SERAPHIN, B.Sc. (Engineering) (Lond.) }	Marktgasse 50, Berne, Switzerland.
1910 Apr. 5.	BOGLE, JAMES MAIN LINTON	Pensby Lodge, Heswall, Cheshire.
1911 Nov. 28.	BOIS, HAROLD EDWARD	{ Kurkorie Tea Estate, Kalain P.O., Cachar, India.
1913 Mar. 18.	BONNIWELL, STANLEY CHARLES	{ 63 Highlever Road, St. Quintin's Park, N. Kensington, W.
1912 Nov. 19.	BOORMAN, CYRIL ADLINGTON	{ Maycroft, Wrotham Road, Gravesend.
1914 Feb. 24.	{ BOYD, JOHN MILLAR, B.Sc. (Engineering) (Lond.) }	40 Victoria Road, Barrow-in-Furness.
1910 Feb. 1.	BOYLE, CHARLES WILLIAM ..	Thorp Hall, Thorp. nr. Wakefield.
1911 Mar. 28.	BRADBURY, CECIL HOWARD ..	{ Hill Crest, Church Road, Northfield, Birmingham.
1914 Mar. 24.	BRADLEY, ARTHUR HUBERT ..	Leach Hall, Sutton, St. Helens.
1912 Mar. 5.	{ BRASSEY-EDWARDS, STANLEY, B.Eng. (Liverpool) }	City Engr.'s Office, Municipal Buildings, Liverpool.
1913 Mar. 18.	{ BRECHIN, MALCOLM, B.Sc. (Glasgow) }	15 Sandyford Place, Glasgow.
1912 Mar. 26.	BRELSFORD, ROBERT FARROW	{ 19 Melville Street, Pollokshields, Glasgow.

Date of Admission.	STUDENTS.	
1909 Apr. 20.	{ BREMNER, DOUGLAS BRUCE, } { B.Sc. (Engineering) (Lond.) }	La Construction Société Anonyme. Manage, Belgium. [E.]
1912 Nov. 19.	BRIGGS, FRANCIS CHARLES	42 Gladstone Avenue, Manor Park, Engr.'s Office, Midland Railway, Derby.
1913 Nov. 25.	BRIGGS, JAMES, Jun.	55 Springfield Place, Leeds.
1913 Dec. 9.	BRIGGS, RAWDON	1 De Luci Road, Erith, Kent.
1912 Mar. 26.	BROAD, RICHARD BLUNSON	Bronhane, Llangollen, N. Wales.
1912 Nov. 26.	BROATCH, HUBERT CLARE	Willans & Robinson, Victoria Works, Rugby.
1911 Mar. 28.	BRODRIBB, FRANCIS BOWER	32 Gledstones Road, West Kensington, W.
1914 Feb. 24.	{ BROMAGE, JOHN ALDHELM } { RAIKES }	32 Montgomery Road, Sheffield.
1909 Dec. 21.	BROOKS, JOHN	{ G. C. Ry. Widening, Barnby Dun, Doncaster.
1911 Apr. 25.	BROW, DAVID BARRINGTON	{ The Quest, Hazledean Road, Croydon.
1909 Nov. 9.	BROWN, CLIVE ANDREWS	{ Dist. Engr.'s Office, B. & M. & R. Rys., Salisbury, S. Rhodesia.
1909 Dec. 21.	{ BROWN, COLIN SELWYN, } { B.Sc. (Engineering) (Lond.) }	Knoll Hill, Wilmington, Kent.
1914 Mar. 24.	BROWN, CYRIL GORE	{ F. C. Central Argentino, Oficina del Ingeniero Constructor, Bartolomé Mitre 299, Buenos Aires.
1913 Nov. 18.	{ BROWN, ERIC GORDON, } { B.Sc. (Birmingham) }	Dauby Wiske, Northallerton.
1914 Mar. 21.	BROWN, PERCY DODSWORTH	Skippets, Shepscombe, Stroud.
1914 Jan. 20.	BROWN, RICHARD CLERKE	Town Hall, Ryde, Isle of Wight.
1914 Mar. 24.	BROWN, STEWART PATRICK	34 Darnley Avenue, Scotstoun, Glasgow.
1913 Mar. 18.	{ BROWNE, ARCHIBALD DOUGLAS, } { B.A. (Cantab.) }	Preston House, Redhill.
1909 Apr. 20.	BROWNE, HERBERT MAXWELL	{ Henry Rogers, Sons & Co., Union Street, Wolverhampton.
1912 Mar. 26.	BROWNING, EDGAR LIONEL	{ Bolbee Hall, Newcastle-on-Tyne.
1911 Feb. 28.	{ BRUNSKILL, JAMES HAROLD, } { B.Sc. (Durham) }	{ P.W.D., c.o. Chief Secretary, Entebbe, Uganda, East Africa.
1909 Dec. 21.	BRYDON, THOMAS EDWARD	32 Elsworthly Road, N.W.
1913 Nov. 25.	{ BUCHANAN, EDWARD LAWRIE } { BREMER }	Longfield, Legrams Lane, Bradford.
1914 Mar. 21.	BUCKLEY, NORMAN	{ Box 1618, Edmonton P.O., Alta., Canada.
1910 Nov. 8.	BUCKTON, ARTHUR SCOTT	9 Talbot Road, Old Trafford, Manchester.
1912 Nov. 19.	{ BULL, GODFREY JOHN OSWALD, } { B.A. (Cantab.) }	Cox & Co., Bombay.
R 1909 Nov. 9.	BURFORD, WALTER BECKWITH	7 Brighton Street, Barrow-in-Furness.
1913 Nov. 25.	BURGESS, JAMES FRANCIS	Admiralty Sub-Office, H.M. Dockyard, Rosyth, Fife.
1912 Apr. 30.	{ BURLACE, LESLIE BINMORE, } { B.Sc. (Engineering) (Lond.) }	P.W.D., Maymyo, Burma.
1909 Dec. 21.	{ BURN, ARTHUR MORTON } { STANLEY }	Gopsall, nr. Atherstone.
1910 Apr. 5.	BURNETT, JAMES ANDERSON	65 Waterloo Road, Wolverhampton.
1914 Mar. 21.	BURNETT, RICHARD PARRY	{ 15 Langland Gardens, Hampstead, N.W.
1910 Feb. 22.	BURNS, JOHN STEPHEN	30 Minto Street, Edinburgh.
m 1911 Mar. 28.	BURNS, JOHN WALLACE	{ 61 Glenegles Cottages, Scotstoun, Glasgow.
1914 Mar. 24.	BURNS, WALTER SCOTT	32 Woodfield Road, Ealing, W.
1913 Nov. 18.	{ BURT, CHARLES KINGSLEY } { JOHNSTONE, B.Sc. (Durham) }	{ Fishguard Harbour Construction Works Office, Goodwick, Pemb.
1911 Nov. 28.	BUSH, BERTRAM OLIVER	Grindlay & Co., Bombay.
1912 Nov. 19.	BUSHBY, WALTER EDWIN	{ Engr.'s Office, G.N. Ry., King's Cross, N.
1912 Nov. 26.	BUTCHER, WILLIAM HENRY	

Date of Admission.	STUDENTS.	
1912 Apr. 25.	BUTLAND, WILLIAM HENRY ..	{ 17 Fernwood Avenue, Streatham, S.W.
1909 Mar. 23.	BUTLER, CHARLES	{ The Willows, Bramley, Leeds.
1911 Nov. 14.	BUTLER, HILTON CAWOOD ..	{ A. M. Tippet, Engr-in Chief, South African Rys., Johannesburg.
1910 Mar. 22.	BUTLER, JOHN LAWRENCE ..	{ Waterworks Engr.'s Office, Leighton Reservoir, Masham, Yorks.
1913 Nov. 25.	BUTTERFIELD, HARRY VERNON	{ Gathroyd, The Drive, Roundhay, Leeds.
1907 Nov. 19.	BUTTLE, HAROLD LENNARD ..	
1914 Feb. 17.	{ CALLOW, GEORGE ERIC CHESLYN, B.Sc. (Manchester) }	{ Brynrhôs, Selborne Road, Douglas, Isle of Man.
1913 Mar. 18.	CALTHROP, KEITH DE SUFFIELD	{ E. R. Calthrop and Partners, Eldon Street House, E.C.
1913 Jan. 28.	{ CAME, WILLIAM GERALD, B.Sc. (Bristol) }	{ P.W.D., Arrah, Bihar, India.
1907 Jan. 22.	CAMERON, JOHN HUNTER ..	{ Mavelikara, Travancore, India.
1911 Dec. 19.	{ CAMPELL, ALEXANDER FARRINGTON }	{ South Indian Ry., Villupuram, India.
1910 Mar. 22.	CAMPBELL, CHARLES GRAHAM	{ 88 Norbury Crescent, Norbury, S.W.
1911 Mar. 28.	CAMPELL, HAROLD ARTHUR	{ 18th Avenue, Edmonds, British Columbia.
1913 Mar. 18.	CAMPBELL, JOHN KING	{ 139 Cartvale Road, Langside, Glasgow.
1909 Dec. 21.	CAMPBELL, PETER FORBES ..	{ Post Office Chambers, St. Nicholas Square, Newcastle-on-Tyne.
1914 Mar. 24.	CAMPBELL, ROBERT CURRIE ..	{ 22 Camberley Street, Leeds.
1913 Nov. 18.	CAMPION, FREDERIC EUGENE ..	{ Howth, co. Dublin.
1909 Mar. 23.	{ CARO, FAUSTINO FERNANDEZ-ARROYO Y }	{ 36 Marqués de Linares, Linares, Jaen, Spain.
1911 Mar. 21.	CARROLL, REGINALD SWAINSTON	
1913 Feb. 18.	CARTER, HARRY WILLIAM ..	{ Elmaston, Grange Avenue, Woodford Green, Essex.
1910 Nov. 29.	CARTER, STANLEY CYRIL ..	{ Engr.'s Office, L. & S. W. Ry., New Dock Works, Southampton.
1911 Jan. 31.	CARTER, THEODORE FREDERIC	{ P.W.D., Ranchi, Bihar, India.
1914 Mar. 24.	CARTY, BERTRAM SAMUEL ..	{ 8 Guy's Cliffe Terrace, Warwick.
1909 Mar. 23.	CASE, ELLIOT DRYDEN	{ Douglas Hotel, Newcastle-on-Tyne.
1912 Nov. 19.	{ CATHERALL, ARTHUR PHILIP, B.Sc. (Birmingham) }	{ Mines Dept., Trinidad.
1911 Mar. 28.	CATHROW, WILLIAM	{ S. F. Roberts, Rantau Pandjang Refinery, Tandjongpoera, Lower Langkat, Sumatra.
1910 Mar. 22.	CAWTHRA, HERBERT	{ Engineering Dept., St. James's Brewery, Dublin.
1912 Feb. 20.	{ CHADWICK, JAMES FRANCIS, B.A. (Cantab.) }	{ Haulfre, Beaumaris, North Wales.
1908 Nov. 24.	{ CHALMERS, JOHN WILLIAM PENDER }	{ Morro Velho, Villa Nova de Lema, Honorio Becalho, Minas Geraes, Brazil.
1911 Nov. 28.	CHAMBERS, JOHN	{ 68 Chelverton Road, Putney, S.W.
1907 Nov. 19.	{ CHAPPELL, EDWIN FRANCIS, B.Sc. (Lond.) }	{ English Literary Society, Calle Cangallo 536, Buenos Aires.
1911 Mar. 28.	{ CHARLESWORTH, PERCY RICHARD TALBOT }	{ Westwood, West Heath Road, Abbey Wood, Kent.
1914 Jan. 20.	{ CHASSEREAU, JAMES DOUGLAS, B.Sc. (Engineering) (Lond.) }	{ Reguinho, Pyrford, Woking.

Date of Admission.	STUDENTS.	
1908 Dec. 1.	CHATE, RAYMOND VICTOR ..	{ Carn Brea, Linden Road, Westbury Park, Bristol.
1909 Apr. 6.	CHATTERTON, PERCY BARNES ..	{ Norfolk House, Claremont, Sheffield.
1912 Apr. 30.	{ CHESTER, ARTHUR BRETT, B.Sc. (Engineering) (Lond.) ..	{ 44 Sinclair Road, Kensington, W.
1914 Mar. 24.	{ CHRISTOFFELS, MORITZ SPERLING	{ Niven & Haddin, 131 West Regent Street, Glasgow.
1910 Apr. 5.	CHUTE, CHARLES FRANCIS ..	{ 22 Dorset Square, N.W.
1911 Dec. 19.	{ CLARK, EDMUND GRAHAM, B.Sc. (Durham)	{ 5 Lovaine Row, Newcastle-on-Tyne.
1911 Nov. 14.	CLARK, HENRY WILMOT ..	{ 47 Tytherton Road, Tufnell Park, N.
1909 Mar. 23.	CLARK, PERCY WILLIAM ..	{ Willans & Robinson, Ltd., Victoria Works, Rugby.
1911 Mar. 28.	CLARK, STANISLAUS EUSTACE ..	{ Evershot, Dorset.
1910 Mar. 22.	CLARKE, GEORGE STANLEY ..	{ 47 Polsloe Road, Exeter.
1910 Apr. 19.	{ CLARKE, HARRY GEORGE GOULD, B.Sc. (Engineering) (Lond.)	{ Cross Tree, Brampton, N. Devon.
1908 Mar. 31.	CLARKE, JOHN HARRISON ..	{ Borough Engr.'s Office, Town Hall, Lancaster.
1912 Nov. 26.	CLARKE, RICHARD ARNOLD ..	{ 9 The Avenue, Gravesend.
1911 Mar. 28.	CLARKE, VICTOR EDWIN ..	{ 10 Tennis Street, Old Trafford, Manchester.
1910 Mar. 22.	CLARKE, WILFRID RANDALL ..	{ 9 The Avenue, Gravesend.
1909 Nov. 23.	CLAYTON, BRIAN CHARLES ..	{ The Hotel, Tannadice, Forfar.
1914 Mar. 21.	CLEAR, ARNOLD	{ 174 Chapman Street, Gorion, Manchester.
1912 Apr. 16.	CLEARY, RALPH PHILLIPS ..	{ Cooga, Wolverton Avenue, Kingston-on-Thames.
1913 Nov. 18.	{ CLEGHORN, HERBERT STUART, B.Sc. (Edin.)	{ Clifton, Alyth, N.B.
1912 Feb. 6.	{ CLEGHORN, JOHN SMITH, B.Sc. (Edin.)	{ Clifton, Alyth, N.B.
1912 Dec. 17.	CLEWS, ROLAND TREVOR ..	{ 197 Osmaston Road, Derby.
1911 Nov. 28.	CLOUGH, ARTHUR ROBERT ..	{ 7 Cambridge Park, Redland, Bristol.
1911 Mar. 28.	{ CLUBB, WILLIAM EWART, MEREDITH	{ 24 Howitt Road, Belsize Park, N.W.
1908 Apr. 7.	COALES, FRANCIS GEORGE ..	{ Lathbury, Newport Pagnell, Bucks.
m 1909 Mar. 23.	COALES, HERBERT WALLIS ..	{ Birmingham, Tame & Rea District Drainage Board, Tyburn, Birmingham.
1910 Mar. 22.	COARD, CHARLES ARTHUR ..	{ Engr.'s Office, Bridge Foot, Warrington.
1911 Jan. 17.	{ CODLING, WILLIAM GARNETT, B.Sc. Tech. (Manchester) ..	{ 56 Bland Street, Manchester.
1911 Nov. 14.	COLE, ALBERT PERCY	{ 85 Jerningham Road, New Cross, S.E.
1907 Nov. 26.	COLE, ALBERT VICTOR	{ Borough Engr.'s Office, Town Hall, Nelson, Lancs.
1909 Dec. 21.	COLE, OSCAR LEWIS	{ 21 West Street, Dorking.
1909 Dec. 21.	COLEBROOK, FRANK HERBERT ..	{ 11 Gordon Avenue, Gosforth, Newcastle-on-Tyne.
1911 Mar. 28.	COLGROYE, EDWIN HUGH ..	{ Burton House, Loughborough.
1913 Mar. 18.	COLLIE, GEORGE SMITH ..	{ Laythorpe, Carlton Road, Boston, Lines. [W.]
1910 Nov. 29.	COLLIER, GODFREY WILLIAM ..	{ 1 Talgarth Mansions, Barons Court, W.
1913 Nov. 25.	COLLIS, ALAN REPINGTON ..	{ 17 West Park, Clifton, Bristol.
1913 Mar. 18.	COLQUHOUN, JOSEPH GRAY ..	{ 362 Maxwell Road, Pollokshields, Glasgow.
1913 Nov. 25.	CONNELL, ARTHUR GREVATT ..	{ Rousdon, Bexleyheath, Kent.
1912 Nov. 19.	{ CONSTABLE, LIONEL GELDING, B.A. (Cantab.)	{ Palm Tree Bungalow, Nagpur, C.P., India.

Date of Admission.	STUDENTS.	
1913 Dec. 16.	COOK, GEORGE HENRY HARRIS	49 Victoria Avenue, Hull.
1912 Nov. 26.	COOK, JOHN	{ 23 Varna Road, Edgbaston, Birmingham.
1908 Nov. 17.	COOKE, ARTHUR STANLEY ..	77 West Street, Brighton.
1913 Nov. 18.	{ COOPER, CHARLES GORDON } { TOWERS }	41 Drumsheugh Gardens, Edinburgh.
1911 Nov. 28.	COOPER, HAROLD HINTON ..	{ 5 Trafford Road, Eccles, nr. Manchester.
1912 Mar. 26.	{ COOPER, WILLIAM HAROLD, } { B.Sc. (Engineering) (Lond.) }	Sunnie View, Regent's Park Road, Finchley, N.
1911 Nov. 28.	CORDOVA, MICHAEL RALPH DE	20 Bassett Road, N. Kensington, W
1912 Mar. 26.	{ CORKERY, ALBERT THOMAS } { MOORE }	
1913 Nov. 18.	{ CORNEY, WILLIAM HARRY } { VICTOR }	Office of Chief Engr. for Rys., Victoria Square, Adelaide, S. Australia.
1909 Mar. 23.	COSSINS, GEORGE HORWOOD ..	{ 42 Crystal Palace Park Road, Sydenham, S.E.
1911 Nov. 28.	COTTERELL, GILBERT THORP ..	55 Arley Hill, Bristol.
1913 Apr. 1.	COULSON, HORACE WILKINSON	Westville, Westoe, South Shields.
1913 Nov. 25.	{ COURT, HAROLD DARLINGTON } { HENRY }	H.M. Dockyard, Rosyth.
1912 Apr. 30.	COURTNEY, GEOFFREY STUART	38 Croxted Road, Dulwich, S.E.
1913 Jan. 28.	{ COUTTS, GEORGE, } { B.Sc. (Glasgow) }	{ John Gait Engineering Co., Ltd., 317 Portage Avenue, Winnipeg, Canada.
1914 Mar. 24.	COUTTS, IAN THOMAS ..	153 Forest Avenue, Aberdeen.
1912 Jan. 16.	{ COUTTS, JOHN CAMPBELL, } { B.Sc. (Glas.) }	11 Lothian Buildings, Evanson Street, Winnipeg, Canada.
1912 Mar. 26.	COWAN, WELLWOOD ..	{ Holmesdale, Garmock Road, Woolston, Southampton.
1913 Mar. 18.	{ COX, IVOR RICHARD, } { B.Sc. (Wales) }	1 Derbyshire Lane, Stretford, Manchester.
1913 Mar. 18.	CRAWFORD, MALCOLM JAMES ..	85 West Street, Erith, Kent.
1912 Dec. 17.	{ CRAWSHAY, GEOFFREY CART- } { LAND HUGH }	Llanfair Grange, Abergavenny.
1908 Apr. 14.	CREWDSON, ERIC	6 Belmont, Kendal.
1909 Nov. 23.	CRIMP, BERNARD SANTO ..	{ Sir Alex. Binnie, Son & Deacon, St. Stephen's House, Westminster, S.W.
1913 Mar. 18.	CROFT, EDWARD HUGH ..	The University, Leeds.
1913 Apr. 1.	CROIL, GEORGE MITCHELL ..	{ Balquhiddie House, Murtle, Aberdeenshire.
iii 1909 Nov. 9.	{ CROSS, EDGAR ALGERNON, } { B.Sc. (Birmingham) }	{ Engr.'s Office, Birmingham Canal Navigations, Paradise Street, Birmingham.
1912 Mar. 26.	CRYER, THOMAS BOND ..	{ Penrkyber Navigation Colliery Co., Ltd., Penrhiwceiber, Glam.
1914 Mar. 24.	{ CUE, DOUGLAS, } { B.Sc. (Engineering) (Lond.) }	15 Ashburnham Road, West Greenwich, S.E.
1910 Jan. 18.	CULHAM, ARTHUR SAMUEL ..	{ Borough Engr.'s Office, Municipal Buildings, Southend-on-Sea.
1908 Mar. 31.	CUMMING, ALEXANDER ..	66 York Drive, Hyndland, Glasgow.
1908 Nov. 24.	{ CUNNINGHAM, CHARLES FRED- } { ERICK }	E.B. & C.I. Ry., Neemuch, Central India.
1914 Jan. 20.	CURRIE, CLARENCE ALGERNON	7 Sunderland Terrace, Bayswater, W.
1909 Dec. 21.	CURRIE, JAMES TAYLOR ..	Urmston Bank, Urmston, Manchester.
1907 Nov. 26.	CURRY, GERALD	{ c.o. Agent, G. I. P. Ry., Victoria Terminus, Bombay.
1909 Nov. 16.	CURTIS, HENRY EDWARD ..	{ Blackall Windorah Ry., Blackall, Queensland.

Date of Admission.	STUDENTS.	
1914 Mar. 24.	{ DAKIN, EDWIN LIONEL VIVIAN, } Stapleford Place, Stapleford, Hert-	
1914 Mar. 24.	{ B.Eng. (<i>Liverpool</i>) } ford.	
1914 Mar. 24.	DALE, FELIX JOHN } 1 Rokesby Avenue, Hornsey, N.	
1910 Nov. 29.	DALLOW, LEONARD TREEMAN } The Beeches, Blackheath, Birming-	
1911 Nov. 14.	{ DAMAN, CHARLES WALTER } ham.	
1911 Nov. 14.	{ BURGESS } City Engr.'s Dept., Council House,	
1914 Jan. 29.	{ DARBISHIRE, JAMES THURSTAN } Birmingham.	
1914 Jan. 29.	{ DUKINFIELD } 14 Palace Mansions, Kensington, W.	
1908 Nov. 17.	DARLEY, CECIL HILL } 77 Fountain Road, Edgbaston, Bir-	
1909 Feb. 16.	DARWIN, GERALD MEREDITH } mingham.	
1913 Jan. 28.	{ DAS, MANMATHA NATH, } Engr.'s Office, N.E. Ry., York.	
1913 Dec. 9.	{ B.A. (<i>Calcutta</i>) } Stockbury Vicarage, Sittingbourne,	
1908 Dec. 1.	DATT, DEV, M.A., B.Sc. (<i>Glas.</i>) } Kent.	
1908 Dec. 1.	DAVEY, REGINALD HUBERT .. } 61 Woodlands Road, Glasgow.	
1908 Dec. 1.	DAVIDSON, CHARLES RUCKBIE } 66 Cambridge Road, Southend-on-	
1914 Mar. 24.	{ } Sea.	
1913 Nov. 18.	DAVIES, ARTHUR BLAKE .. } 6 Atholl Place, Edinburgh.	
1913 Nov. 18.	DAVIES, ELWYN THOMAS .. } The Nook, Manor Road, Forest Hill,	
1912 Feb. 20.	DAVIES, STANLEY } S.E.	
1910 Mar. 22.	DAVIES, THOMAS ALEXANDER } Brynrhos, Tredegar, Mon.	
1910 Mar. 22.	DAVIES, TUDOR HUAB } 13 Richmond Road, Uplands, Swan-	
1909 Dec. 21.	DAVIS, CHARLES JAMES } sen.	
1911 Jan. 17.	{ DAVISON, WILLIAM, } 23 Marine Approach, South Shields.	
1911 Mar. 28.	{ B.Sc. (Engineering) (<i>Lond.</i>) } Ash Mount, Abbots Langley, Herts.	
1912 Feb. 6.	{ DAVSON, GEORGE CHARLES } W. Shackleton, Royal Mews, Buck-	
1912 Mar. 26.	{ WOLSELEY } ingham Palace, S.W.	
1909 Nov. 16.	DAY, WILLIAM } 42 Nether Hall Road, Doncaster.	
1908 Nov. 24.	{ DEAN, ARTHUR CRESWELL, } Mount Galpine, Dartmouth, S.	
1912 Mar. 26.	{ M.Sc. (<i>Manchester</i>) } Devon.	
1913 Mar. 18.	DEARLOVE, HERBERT FREDER- } 348 Finchley Road, Hampstead, N.W.	
1914 Feb. 24.	{ RICK KENT } North Bank House, Inverclyde, Aberdeens-	
1909 Mar. 23.	DE BURGH, THOMAS HUBERT } shire.	
1909 Mar. 23.	{ MACARTNEY, B.E. (<i>Sydney</i>). } Res. Engr.'s Office, Isna Barrage,	
1910 Mar. 23.	DENNY, HERBERT EVANS } Egypt.	
1910 Nov. 15.	DENT, ARTHUR TOYNBEE } Res. Engr.'s Office, Isna Barrage,	
1912 Nov. 26.	DENT, GEORGE RATHMELL } Egypt.	
1909 Jan. 19.	DENT, NEIL } 15 Grove Road, Harrogate.	
1913 Apr. 1.	DIBBLE, ARTHUR VILLIS } 51 Hibson Road, Nelson, Lancs.	
1912 Nov. 19.	DICKINS, CYRIL EDWARD } N. Baddesley, Romsey, Hants.	
1911 Feb. 28.	{ DICKINSON, FRITZ GEORGE } C. J. Dickins, Bleak House, Gulza-	
1914 Mar. 24.	{ DICKINSON, REGINALD ERNEST, } bagh, Patna, India.	
1910 Apr. 5.	{ B.Sc. (Engineering) (<i>Lond.</i>) } 36 Broadgate, Preston.	
1914 Mar. 24.	{ DICKMAN, WILLIAM } Chief Electrical Engr.'s Office,	
1910 Apr. 5.	{ DICKMAN, JAN, } L. & N.W. Ry., Euston, N.W.	
1910 Mar. 22.	{ B.Sc. (Engineering) (<i>Lond.</i>) } 99 Heathfield Road, Birmingham.	
1914 Mar. 24.	DICKMAN, JAN, } Polna 31, Warsaw, Poland, Russia.	
1910 Mar. 22.	DICKSEE, ARTHUR PEARSE .. } 16 York Road, Edgbaston, Birming-	
1914 Mar. 24.	DICKSON, DOUGLAS BOARDMAN } ham.	
1913 Mar. 18.	DICKSON, JOHN } 18 May Crescent, Lincoln.	
		North British Ry. Co., 4 West
		George Street, Glasgow.

Date of Admission.	STUDENTS.	
1911 Dec. 19.	DINES, HENRY GEORGE	12 High Street, Dartford.
1910 Mar. 1.	{DINWIDDIE, DONALD MCKENZIE}	Central Uruguay Ry. Co., Monte Video, Uruguay.
1911 Apr. 4.	DIXON, HENRY ERIC	11 Swinburne Road, Darlington.
1913 Nov. 18.	{DIXON, THOMAS ARCHIBALD FRANCIS}	State Domains, Korachia, Egypt.
1911 Nov. 28.	DIXON, WILLIAM ARTHUR ..	Pewsey, Wiltshire.
1913 Nov. 25.	DOBIE, PERCY	Heathfield House, near Chester.
1910 Mar. 22.	DOCWRA, RANDOLPH EDWARD	Heronfield, Potters Bar, Middlesex.
1912 Jan. 16.	{DODD, HENRY BLACK, B.Sc. (Edin.)}	173 Bruntsfield Place, Edinburgh.
1914 Mar. 24.	DOIG, WILLIAM ANGUS	Borough Engr.'s Office, Taunton.
1912 Dec. 17.	{DON. ALEXANDER DUFF BROWNLEE, B.Sc. (Edin.) ..}	Mrs. Whyte, 114 Dunnikier Road, Kirkcaldy.
1909 Dec. 21.	DONALD, ARCHIBALD DOUGLAS	25 Findhorn Place, Edinburgh.
1911 Apr. 4.	DONALD, PERCY	36 Leamington Terrace, Edinburgh.
1910 Mar. 22.	DORMAN, RICHARD BROOKE ..	Connaught Club, Marble Arch, W.
1913 Mar. 18.	DORSETT, WILFRED BRAYBROOK	68 Roydene Road, Plumstead, S.E.
1913 Jan. 28.	{DOUET, CHARLES LOUIS MAC-KINNON, B.Sc. Tech. (Manchester)}	47 Sutherland Road, Kemp Town, Brighton.
1913 Nov. 18.	DOUGLAS, WILLIAM	{Glenhead, Portswood Avenue, Southampton.
1914 Mar. 3.	DOWNIE, ROBERT, JUN.	45 Bentinck Street, Glasgow.
1913 Nov. 25.	DRAKE, REGINALD	{Providence Villa, Scholes, Cleeve-heaton.
1912 Apr. 16.	DREW, HAROLD	4 West George Street, Glasgow.
1911 Nov. 28.	DREWETT, CHARLES	Hugglescote, Leicester.
1910 Feb. 22.	DRUITT, CHARLES LAMBERT ..	27 Palace Street, Canterbury.
1910 Nov. 29.	DRYLAND, LESLIE GEORGE ..	Hill Crest, Kingston Hill, Surrey.
1914 Mar. 24.	DUFF, DAVID KERR	8 Pentland Terrace, Edinburgh.
1913 Mar. 18.	DUGGAN, THOMAS STANISLAUS	{Sunny Bank, Earlswood Road, Belfast.
1910 Nov. 29.	DUNBAR, DAVID JOHN	86 Dixon Avenue, Crosshill, Glasgow.
1914 Mar. 3.	{DUNCAN, ROBERT DUNDAS, B.Sc. (Edin.)}	Kirkmay, Crail, Fifeshire.
1911 Nov. 28.	{DUNGLINSON, HAROLD JOSEPH DANIEL HUMPHREY}	Boxleigh, Sandgate.
1913 Dec. 9.	DYKE, JAMES	{12 Orchard Terrace, Rogerstone, Mon.
1913 Nov. 18.	EAGAN, THOMAS GEORGE ROYAL	{Engr.'s Office, G.C. Ry., Marylebone, N.W.
1913 Mar. 18.	{EARDLEY, RAYMOND FAUCIT WILMOT}	Wistaston House, Nantwich, Cheshire.
1907 Nov. 12.	EASTEN, STEPHEN	Survey Dept., Ceylon.
1910 Mar. 22.	EASTMOND, ARCHIBALD	38 East Southernhay, Exeter.
1910 Nov. 8.	{EASTWOOD, RONALD, B.Eng. (Liverpool)}	52 Westbourne Road, Birkdale, Southport.
1910 Mar. 1.	{EDLESTON, HERBERT GEOFFREY, B.Sc. (Glas.)}	Ollerton, Knutsford, Cheshire.
1912 Nov. 26.	EDWARDS, ARTHUR HEWITT ..	{Brazil Railway Co., Caixa 336, Rio de Janeiro.
1907 Nov. 26.	EDWARDS, ERNEST FREDERICK	Borough Engr.'s Office, Southend-on-Sea.
1910 Dec. 20.	EDWARDS, JOHN WARDEN ..	{Ivy Lodge, Knight's Park, Kingston-on-Thames.
1911 Nov. 28.	EILOART, NORMAN FREDERICK	49 Gainsborough Road, Crewe.

Date of Admission.	STUDENTS.	
1907 Nov. 19.	{ ELCE, TOM, M.Sc. Tech. (<i>Manchester</i>) .. }	135 Worcester Road, Bootle, Liver- pool.
1913 Mar. 18.	ELLEN, CHARLES WILFRID ..	Cowper House, Norton-on-Tees.
1910 Jan. 18.	ELLER, ERIC WILLIAM	{ P.O. Box 3120, Johannesburg, S. Africa.
1912 Mar. 26.	ELLINGER, GEORGE COLLIN ..	{ T. J. Moss-Flower, Carlton Chambers, Baldwin Street, Bristol.
1911 Nov. 14.	{ ELLIOT, CHARLES AMYAND ALEXANDER }	
1911 Dec. 19.	{ ELLIOT, CLEMENT NIXON, B.Sc. (Engineering) (<i>Lond.</i>) }	P.W.D., Alleppey, Travancore, S. India.
1913 Nov. 25.	ELLIOTT, HARRY	15 Alfred Road, Acton, W.
1909 Nov. 23.	ELLIOTT, JOHN RICHARD ..	{ Royal Laboratory, Royal Arsenal, Woolwich.
1910 Nov. 29.	ELLIS, ARTHUR PEARSON ..	Heathcote, Wellesley Avenue, Hull.
1912 Mar. 26.	ELLIS, BERNARD JOSOLYNE ..	{ Royden, Parkhurst Road, Buxley, Kent.
1911 Nov. 14.	ELLIS, OWEN WILLIAM	79 Bath Road, Swindon.
1914 Mar. 24.	ELMSLIE, WALTER ANGUS ..	96 Fountainhall Road, Aberdeen.
1914 Mar. 24.	ENGLEFIELD, ARTHUR GUY ..	225 Ruskin Road, Crewe.
1914 Apr. 7.	ENTWISLE, ALAN	{ Humbledon, Park Avenue, Lytham, Lanes.
1909 Apr. 6.	ENTWISLE, JOSEPH	28 Willows Avenue, Lytham, Lanes.
1914 Feb. 21.	{ ESDAILE, GEORGE AUGUSTUS CHURCHILL, B.Sc. (<i>Manchester</i>) }	43 Hanover Road, Plumstead, S.E.
1913 Nov. 18.	EUSTACE, FRED ARTHUR ..	19 Woodstock Road, Croydon.
1914 Mar. 24.	EVANS, JOSEPH SYDNEY ..	{ 170 Tottenhall Road, Wolverhampton.
1914 Mar. 24.	EVERETT, JOHN ROBERT ..	35 Unthank Road, Norwich.
1910 Mar. 22.	EVERS, WILLIAM	55 Manor Road, Rugby.
1914 Mar. 24.	EWBANK, FALSHAW	16 Savile Place, Leeds.
1913 Apr. 22.	{ EYLES, EDWARD GODFREY, B.Sc. (<i>Birmingham</i>) }	Willans and Robinson, Ltd., Rugby.
1909 Nov. 23.	{ FAGAN, CHRISTOPHER FRED- ERICK FELTRIM, B.Sc. (Engineering) (<i>Lond.</i>) }	Feltrim Lodge, Beaconsfield, Bucks.
1913 Nov. 18.	{ FAIRLEY, WILLIAM, B.A. (<i>Cantab.</i>) }	11 Lion Gate Gardens, Richmond.
1914 Apr. 21.	FALCON, ROBERT REX BERNEY	{ 102 Baxter Avenue, Southend-on- Sea.
1912 Apr. 2.	{ FANGHAENEL, WALTER PAUL FREDERICK, B.Sc. (Engineering) (<i>Lond.</i>) }	Ravendale, East Acton, W.
1908 Nov. 17.	{ FARMER, NEIL JOHN CON- STABLE }	Loxwood, Billingshurst, Sussex.
1910 Mar. 22.	FARNELL, MAURICE	9 Melville Road, Coventry.
1910 Nov. 8.	{ FARRAN, CHARLES ERNEST, B.A., B.A.L. (<i>Dubl.</i>) }	L. & N.W. Ry., Res. Engr.'s Office, 192 Alexandra Rd., Kilburn, N.W.
1909 Nov. 16.	{ FARRAR, GILBERT, B.Sc. (Engineering) (<i>Lond.</i>) }	647 Liverpool Road, Peel Green, Patricroft, Lanes.
1914 Mar. 24.	FARRINGTON, JOHN REGINALD	Lindum Holme, Lincoln.
1913 Mar. 18.	FENWICK, EDGAR NORMAN ..	Ashby-cum-Fenby, Grimsby.
1911 Mar. 28.	FENWICK, HAROLD CHARLTON	{ 12 Wellington Terrace, South Shields.
1913 Nov. 18.	FERGUSON, ALEXANDER DALE	{ H. C. Nelson, Division Engr., Canadian Northern Ontario Ry., Nipigon, Ontario.
1913 Mar. 18.	FERGUSON, GEORGE COUTTS ..	Burgh Surveyor's Office, Aberdeen.

Date of Admission.	STUDENTS.	
1911 Mar. 28.	FERGUSON, JAMES	{ e.o. Chief Engr. of Construction, Mackenzie, Mann & Co., Ltd., 9 Toronto Street, Toronto, Canada.
1911 Mar. 28.	FERNANDO, ROBERT CYRIL ..	{ St. Boniface College, Plymouth.
1909 Nov. 9.	{ FINLAYSON, ARTHUR RUTHVEN	{ Engr.'s Office, L. & N.W. Ry., Euston Station, N.W.
	{ CHRISTIE	
1911 Nov. 28.	FISCHER, CEDRIC ERROL ..	{ 58 Buccleugh Street, Glasgow.
1913 Mar. 18.	FISHER, ROBERT EDWARD SNOW	{ 31 Hastings Road, Millhouses, Sheffield.
1913 Dec. 9.	FITCH, JOHN THOMAS	{ City Engr.'s Office, Council House, Birmingham.
1913 Dec. 16.	FITZSIMONS, JOHN EDWARD ..	{ 502 West 176th Street, New York City, U.S.A.
1909 Mar. 23.	FLETT, HENRY WILLIAM ..	{ Hendre, Elliot Street, Arbroath.
1913 Nov. 25.	FLYNN, GEORGE AXEN WALLACE	{ Westfield, Ibroxholm, Glasgow.
1913 Apr. 29.	{ FOOT, FREDERICK JAMES	{ Lyndhurst, Central Avenue, Wellington, Kent.
	{ GILBERT	
1911 Apr. 11.	FORBES, FERDUS ROBERT ..	{ 51 Onslow Gardens, S.W.
1910 Feb. 22.	FORBES, LEWIS JEX-BLAKE ..	{ Harland Engineering Co., 66 Carrick Street, Glasgow.
1910 Nov. 8.	FORD, ERIC HAROLD	{ Larksborough, St. Anne's Crescent, Lewes, Sussex.
1911 Nov. 28.	{ FORD, FREDERICK GEORGE	{ 47 Claremont Road, Bishopston, Bristol.
	{ ERNEST	
1907 Mar. 26.	FORDHAM, ARTHUR ALLISON ..	{ Nunthorpe, Yorks.
1913 Feb. 25.	FORSYTH, WILLIAM JAMES ..	{ 1035 Chester Road, Stretford, Manchester.
1914 Mar. 24.	{ FORWELL, ERNEST SINCLAIR	{ Hillcrest, Monifieth, Dundee.
	{ WILSON	
1913 Feb. 4.	{ FORWOOD, PHILIP LOCKTON,	{ Connaught Club, Marble Arch, W.
	{ B.A. (Cantab.)	
1911 Nov. 14.	FOSTER, ARTHUR EDWARD ..	{ 14 Woodstock Road, Bedford Park, W.
1911 Nov. 14.	{ FOSTER, HUGH HERBERT,	{ 10 Merton Road, Walthamstow, N.E.
	{ B.Sc. (Engineering) (Lond.)	
1912 Apr. 1.	FOWLE, EDWARD CHARLES ..	{ Cobtree, Portland Road, Gravesend.
1 Nov. 14.	{ FOX, CHRISTIAN ERIC,	{ 2 Montpelier Square, S.W.
	{ B.A. (Cantab.)	
1911 Mar. 28.	FOXLEE, RALPH RUDD	{ Engineer's Office, L. & S.W. Ry., Waterloo Station, S.E.
1914 Feb. 24.	FRANEY, JOHN SHARMAN ..	{ Mark's Dene, West Clandon, Surrey.
1911 Dec. 19.	FRECHEVILLE, GEORGE	{ 9 Hawcoat Lane, Barrow-in-Furness.
1910 Apr. 19.	{ FREEMAN, FRANK RICHARD,	{ 6 Woodberry Down, N.
	{ B.Sc. (Engineering) (Lond.)	
1911 Nov. 28.	FROST, HARVEY GEORGE ..	{ St. Peter's Vineyard, Bury St. Edmunds.
1912 Mar. 26.	FRY, STANLEY PHILIP JAMES	{ Beira, Mashonaland & Rhodesian Rys., Bulawayo, S. Africa.
1910 Mar. 22.	FYFE, ALEXANDER ROSS ..	{ Burgh Surveyor's Office, Aberdeen.
1911 Mar. 21.	{ GABRIEL, JOHN BERESFORD	{ Ismid, Langley Road, Watford, Herts.
	{ STUART, B.A. (Cantab.) ..	
1908 Dec. 1.	GAMESON, JOHN MONTAGUE ..	{ Borough Engr.'s Office, Town Hall, Halifax.
1909 Dec. 21.	{ GARDHAM, HENRY COOPER,	{ 74 Haymarket Terrace, Edinburgh.
	{ B.Sc. (Edin.)	
1912 Mar. 26.	{ GARDNER, LEONARD JAMES	{ 96 Cyprus Street, Stretford, Manchester.
	{ HAILEY	
1910 Mar. 22.	GARDNER, JOHN WALKER ..	{ Regina, Regent Road, Morecambe.

Date of Admission.	STUDENTS.	
1911 Mar. 28.	{ GARNONS - WILLIAMS, ROGER FENTON }	58 Folkestone Road, Dover.
1910 Nov. 29.	{ GARRODS, WILLIAM HENRY EDWARD }	{ R. McAlpine & Sons, Alwen Reservoir, Corrig-y-Druidion, Cwenn, N. Wales.
1913 Nov. 25.	GEORGE, CECIL WALTER ..	69 Pembroke Road, Erith, Kent.
1913 Mar. 18.	GERRARD, FRED ALBERT ..	171 Riverdale Road, Erith, Kent.
1909 Nov. 16.	GHEE, GO KHEK	49 Carlton Place, Aberdeen.
1914 Apr. 7.	{ GHOSH, SATISH CHANDRA, B.Sc. (Gluc.) }	Engr.'s Office, G.N. Ry., Boston.
1914 Feb. 3.	GIBBONS, ERIC CHARLES ..	{ Schwartzkopff Strasse 47, Wildau, Kr. Teltow, bei Berlin.
1914 Mar. 21.	GIBBS, HAROLD	100 Lower Road, Belvedere, Kent.
1914 Mar. 24.	GIBSON, DOUGLAS MENDS ..	Dry Bank House, Tonbridge, Kent.
1911 Nov. 14.	GIBSON, JAMES DOUGLAS ..	Kirnan, Bearsden, N.B.
1912 Mar. 26.	GILCHRIST, ARCHIBALD RICHARD	{ Langford Villa, Pembroke Road, Erith, Kent.
1911 Mar. 28.	GILCHRIST, GEORGE	P.W.D., Ceylon.
1913 Mar. 18.	GILL, JOSEPH	Highfield House, Normanton.
1912 Nov. 19.	{ GILL, WILLIAM NORMAN, B.Sc. (Edin.) }	7 Hartington Place, Edinburgh.
1911 Nov. 28.	GILSON, ARTHUR JAMES ..	6 Granville Street, Derby.
1909 Feb. 2.	GLADWYN, ALLEN EDWARD ..	{ 252 Plumstead Common Road, Plumstead, S.E.
1911 Apr. 11.	{ GLAISBY, ARTHUR GEOFFREY TINDALL }	Bank House, New Barnet, Herts.
1909 Dec. 21.	GLANVILLE, GORDON	Edin, Knole Road, Bournemouth.
1911 Nov. 14.	GLEGG, WILLIAM COWAN ..	60 King's Gate, Aberdeen.
1910 Nov. 29.	GLEGHORN, MARTIN	c/o 24 Southwood Ave., Highgate, N.
1910 Mar. 22.	GLENISTER, WILLIAM GRIFFIN	Hughenden Villa, High Wycombe.
1913 Apr. 22.	{ GLOVER, ARTHUR STANLEY, B.Sc. (Durham) }	City Engineer's Office, Municipal Buildings, Liverpool.
1913 Dec. 9.	GLOVER, BRIAN EDWARD ..	Brookside, Lewes, Sussex.
1911 Nov. 28.	GODLEY, ROWLAND WILLIAM	{ 276 Southampton Road, Eastleigh, Hants.
1914 Mar. 31.	GOLDEN, HAROLD ARTHUR ..	190 College Road, Norwich.
1908 Dec. 22.	GOOCH, STANLEY JOHN WILLIAM	{ Public Works Dept., Federated Malay States.
1913 Nov. 25.	GORDON, JAMES STANLEY ..	23 Bertram Road, Bradford.
1909 Nov. 23.	GORDON, THOMAS MILFORD ..	Asst. Engr., Malaria Advisory Board, P.W.D., Kuala Lumpur, F.M.S.
1910 Nov. 8.	GOTTO, JAMES MURLY	Woodhambury, Woking.
1910 Mar. 1.	{ GOUGH, ARTHUR TREVOR, B.Sc. (Birmingham) }	Rio Tinto Co., Ltd., Rio Tinto, S. Spain.
1913 Mar. 18.	GOURLAY, THOMAS MORTON ..	52 Napier'shall Street, Glasgow.
1908 Apr. 14.	GRAHAM, CYRIL GEORGE ..	G.I.P. Ry., Munnad, India.
1914 Mar. 24.	GRANGER, WILFRID	13 Salisbury Avenue, Goole, Yorks.
B 1912 Nov. 19.	GRANT, GEORGE CAMPBELL ..	{ 152 Sea View Road, Liscard, Cheshire.
1913 Nov. 18.	GRANT, JOHN LESLIE	Sittingbourne, Kent.
1913 Nov. 25.	GRATRIX, WILLIAM HENRY ..	Cartref, Wigan Road, Deane, Bolton.
1907 Nov. 26.	GRAVETT, JAMES ARTHUR ..	62 Burnt Ash Road, Lee, S.E.
1914 Mar. 24.	GRAY, ALEXANDER OGILVY ..	13 Westfield Terrace, Aberdeen.
1914 Mar. 24.	GRAY, ANDREW PATON	13 Westfield Terrace, Aberdeen.
1912 Nov. 19.	{ GRAY, WILLIAM ARTHUR, M.Sc. (New Zealand) }	Essex Road, Mount Eden, Auckland, New Zealand.
1911 Feb. 28.	GREEN, EDMUND CASTALL ..	{ Mombasa Electric Light & Power Co., Ltd., Mombasa, British East Africa.
1914 Mar. 24.	{ GREEN, VINCENT JOSEPH MICHAEL }	4 Gainsborough Road, Crewe.
1913 Mar. 18.	GREENHOW, ERIC KINGSLEY ..	{ Ingleby, Rosebery Road, Sutton, Surrey.

Date of Admission.	STUDENTS.	
1911 Nov. 28.	GREENING, LAURENCE EDWIN	{ City Engr.'s Office, Town Hall, Newcastle-on-Tyne.
1914 Mar. 24.	GREY, JOSEPH MAURICE DALTON	{ 5 Earls Dene, Low Fell, Gateshead.
1912 Jan. 16.	{ GRIERSON, JAMES BRYCE, B.Eng. (<i>Liverpool</i>) }	{ 18 Sefton Park Road, Liverpool.
1908 Mar. 31.	GRIFFITH, GEOFFREY COMBER	{ Caixa 49, Pernambuco, Brazil.
1908 Nov. 24.	GRIMSDALL, GERALD LUCIEN ..	{ 3 Cunnah's Grove, Seymour Grove, Old Trafford, Manchester.
1912 Jan. 16.	{ GRISENTHWAITE, THOMAS CAR- LYLE, B.Sc. (Engineering) (<i>Lond.</i>) }	{ Sir Wm. Arrol & Co., Ltd., Dalmar- nock Ironworks, Glasgow.
1913 Nov. 25.	GROSE, JOHN HOWARD	{ 3 Havelock Road, Croydon.
1911 Nov. 14.	{ GROVES, GEOFFREY LANCASTER, B.Sc. (Engineering) (<i>Lond.</i>) .. }	{ 3 Havelock Road, Croydon.
1914 Mar. 31.	{ GUINNESS, JOHN FRITH GRATTAN, B.A., I.L.B. (<i>Contab.</i>) .. }	{ 172 Calle Andes, Buenos Aires.
1913 Mar. 18.	GURRY, WILLIAM ERNEST ..	{ 19 Littleton Street, Earlsfield, S.W.
1910 Jan. 18.	{ GWYTHYR, HENRY JAMES, B.Sc. Tech. (<i>Manchester</i>) .. }	{ Eversfield, Newbold Road, Rugby.
1911 Nov. 28.	{ HADDOW, EDGAR CECIL ROBERTSON }	{ 273 Stratford Road, Birmingham.
1910 Mar. 22.	HAGH, JOHN FRANCIS	{ 4 Mason Rd., Erdington, Birmingham.
1912 Nov. 26.	HAILSTONE, ALEC	{ 49 Waterloo Road, Bedford.
1914 Mar. 24.	{ HAINE, CHARLES LIONEL RICHARD }	{ 19 William Street, Rugby.
1913 Nov. 18.	HAKE, CYRIL MARRIOTT ..	{ 200 Ferry Road, Leith.
1913 Nov. 25.	HALL, ARTHUR WILLIAM ..	{ 25 Bolingbroke Road, West Ken- sington Park, W.
1914 Mar. 3.	{ HALL, SYDNEY LLEWELLYN, B.Sc. (<i>Bristol</i>) }	{ Fillwood, Bishopsworth, Bristol.
1909 Nov. 23.	HAME, BERNARD WHITFIELD ..	{ Wrenthamdale, Ascham Road, Bournemouth.
1911 Nov. 28.	HAMILTON, ANDREW STEPHEN	{ Waterworks Engr.'s Office, Leighton Reservoir, Masham, Yorks.
1914 Mar. 24.	{ HAMILTON, STANLEY BAINES, B.Sc. (Engineering) (<i>Lond.</i>) .. }	{ Highways Construction, Ltd., Fins- bury Court, Finsbury Pavement, E.C.
1912 Jan. 16.	HAMMETT, ROY HESSELTINE ..	{ 48 Richmond Road, Cardiff.
1907 Nov. 12.	HAMMOND, BERTRAM CHARLES	{ Shirehall, Worcester.
R 1909 Nov. 9.	{ HAMMONDS, DENYS HUNTING- FORD }	{ King, Hamilton & Co., Calcutta, India.
1911 Mar. 28.	HANDY, WILLIAM	{ Electrical Engr.'s Dept., L. & N.W. Ry. Wagon Works, Earlestown, Lancs.
1912 Nov. 26.	HANNEY, RONALD HENRY ..	{ Belton House, Peny-Bont, Aber- tillery, Mon.
1908 Nov. 24.	{ HANSON, FREDERICK JAMES COLIN }	{ Asst. Engr., M. & S.M. Ry., Roy- puram, Madras, India.
1914 Mar. 24.	HANSEN, ERNEST FREDERICK	{ 300 Lordship Lane, East Dulwich, S.E.
1913 Nov. 25.	HARDY, GEORGE BRIDGES ..	{ 18 Fulford Road, York.
1910 Mar. 22.	HARDY, WILLIAM GATHORNE ..	{ 1155 Mount Royal Avenue East, Montreal, Canada.
1913 Nov. 25.	{ HARGREAVES, GRAINGER HOPE, B.Sc. (<i>Manchester</i>) }	{ 26 Staverton Road, Oxford.
1914 Mar. 24.	{ HARGREAVES, WILLIAM ABRA- HAM }	{ 4 Rowland Road, Dewsbury Road, Leeds.
1907 Nov. 19.	HARLAND, HUGH BAXTER ..	{ L. Baxter, Standard Chemical Co., Montreal, Canada.

Date of Admission.	STUDENTS.	
1908 Nov. 17.	{ HARPER, HAROLD JOHN CARD- NELL }	50 Broadway, Cardiff.
1914 Mar. 24.	HARRISON, JAMES LEES	70 Arden Street, Edinburgh.
1907 Mar. 19.	HARSTON, JAMES	Dunbreck, Dartford.
1909 Nov. 23.	{ HARTLEY, ARTHUR CLIFFORD, B.Sc. (Engineering) (Lond.) }	Wolesley House, Spring Bank, Hull.
1908 Nov. 17.	{ HARTRIDGE, REGINALD WILLIAM OSMOND }	L. & S.W. Ry., Engr.'s Dept., Wimbledon.
1912 Apr. 25.	{ HARVEY, BERTRAM LIONEL, B.Sc. (Manchester) }	Grindlay & Co., Calcutta.
1910 Nov. 29.	{ HARVEY, CHARLES FREDRICK BEAUCHAMP }	The Asylum, Clonmel, co. Tip- perary.
1914 Mar. 31.	HARWOOD, EDMUND	Rock Cottage, Halifax.
1908 Apr. 7.	HASELI, GODFREY SINCLAIR ..	53 Victoria Street, S.W.
1912 Mar. 26.	{ HASSELIHURN, JOHN ERIK TALEEN }	The Rookery, Belvedere, Kent.
1911 Nov. 28.	HATCH, WILLIAM ASHTON ..	24 Kiln Lane, Denton's Green, St. Helens.
1913 Feb. 18.	{ HAWDON, HUGH WILLIAM, B.A. (Cantab.) }	Upsall Grange, Nunthorpe, Yorks.
R 1909 Dec. 21.	HAWES, CHARLES GEORGE ..	{ Bhartghar Dam, via Bhor, Poona District, India.
1910 Feb. 22.	{ HAWKSLEY, JOSEPH, B.Sc. (Engineering) (Lond.) }	14 Albert Square, Great Yarmouth.
1912 Nov. 26.	HAY, ALLAN SELWOOD	G.I.P. Ry., Khandwa, C.P., India.
1911 Nov. 28.	HAY, JOHN FINDLAY	40 Fordhook Avenue, Ealing Com- mon, W.
1912 Mar. 26.	HAY, STANLEY GARDINER ..	45 Birkby Crescent, Huddersfield.
1910 Mar. 22.	HAYCRAFT, STANLEY MUIRHEAD	{ Egyptian Dredging Co., Ltd., Cairo, Egypt.
1913 Nov. 25.	HAYMAN, JOHN JAMES ATKIN	53 Wembdon Road, Bridgwater.
1910 Nov. 29.	HAYSEY, CUTHBERT	{ Divisional Engr.'s Office, L. & N.W. Ry., Camden Town Station, N.W.
1909 Mar. 23.	HAYWARD, JOHN THOMSON ..	Roumanian Consolidated Oilfields, Ltd., Moreni, Roumania.
1910 Mar. 22.	HAZARD, JOHN DE VARS ..	P.W.D., Calabar, S. Nigeria.
1908 Apr. 7.	HAZZI, JOSEPH ALEXANDER ..	{ 1st Circle of Irrigation, P.W.M., Cairo, Egypt.
1913 Nov. 18.	HEAPE, ROBERT HARTLEY ..	4 St. Alban's Road, Bedford.
1911 Nov. 28.	HEENAN, JOHN NELSON DUNDAS	Moch-y-don, Old Colwyn, N. Wales.
1911 Nov. 28.	{ HEENAN, RICHARD EDWARD HAMMERSLEY }	Moch-y-don, Old Colwyn, N. Wales.
1911 Mar. 28.	HEIDRICH, LEONARD	47 Park Avenue, Hull.
m 1909 Dec. 21.	{ HEILIG, BERNARD ARTHUR ERNEST }	City Engr.'s Office, Council House, Birmingham.
1909 Jan. 26.	{ HELEY, FREDERICK CHENEY FREESTONE }	Engr.'s Office, Euston Station, N.W.
1911 Mar. 28.	HENDERSON, JAMES HOLMES ..	{ The Beeches, Dalserf, by Hamilton, N.B.
1913 Mar. 18.	HENDERSON, JOHN GUTHRIE	{ 4 Leslie Street, Pollokshields, Glasgow.
1913 Apr. 22.	{ HENDRY, JOHN TODD, B.Sc. (Wales) }	8 Kensington Place, Ibrox, Glasgow.
1913 Mar. 18.	{ HENFREY, GEORGE HOLLING- WORTH }	12 Ferry Road, Barnes, S.W.
1911 Mar. 28.	HENRY, MALCOLM ALEXANDER	{ Engr.'s Office, Caledonian Ry., Buchanan Street Station, Glasgow.
1913 Mar. 18.	{ HERBERT, EDWARD DAVE ASHER }	24 Princes Avenue, Old Trafford, Manchester.
1912 Apr. 2.	HERFORD, RICHARD HUGH ..	{ 10 Lagrange Street, Worcester, Mass., U.S.A.

	Date of Admission.	STUDENTS.	
	1911 Nov. 28.	{ HEWETT, ARTHUR FREDERICK. B.Sc. (Engineering) (Lond.) }	15 Kildare Terrace, Bayswater, W.
	1913 Apr. 1.	HEWISON, GEORGE CHARLES	56 Prospect Terrace, Hunslet, Leeds.
	1911 Feb. 28.	HIDE, JOHN SEYMOUR	Beechwood, Cottingham, E. Yorks.
	1914 Mar. 24.	HIDE, ROBERT	Crescent Road, Steyning, Sussex.
	1908 Mar. 31.	HIGGINS, THOMAS	9 St. Peters Road, Leicester.
	1907 Nov. 12.	HIGGS, STANLEY JAMES	{ Great Central Railway, Engr.'s Office, Grimsby Docks.
	1912 Mar. 26.	HILL, ARTHUR TRENCHARD	Pinewood, Outlands Avenue, Weybridge, Surrey.
	1908 Dec. 1.	HILL, JOHN WILLIAM	Borough Surveyor's Dept., Town Hall, Stoke-on-Trent.
	1911 Dec. 19.	{ HILL, THOMAS ARCHIBALD MONTGOMERIE, B.A. (Cantab.) }	7 Pitt Street, Campden Hill, W.
	1913 Apr. 22.	HILLS, ARTHUR LAFONE FRANK	16 Marlborough Grove, Birkenhead.
	1909 Dec. 21.	HINE, WILLIAM ALFRED	{ 29 Foulser Road, Upper Tooting, S.W.
R	1909 Dec. 21.	{ HITCHCOCK, GEOFFREY ED- MUND WILLIAM, B.Sc. (En- gineering) (Lond.)	3rd Circle of Irrigation, P.W.D., Boulevard de Rameh, Alexandria, Egypt.
	1914 Jan. 20.	{ HITCHENS, ALLAN PETER. B.Eng. (Liverpool)	20 Blucher Street, Waterloo, Liverpool.
	1914 Jan. 20.	HOARE, HARRY GEORGE	25 Ripon Road, Plumstead, S.E.
	1911 Dec. 5.	HOARE, PERCIVAL VICTOR	25 Ripon Road, Plumstead, S.E.
	1907 Dec. 17.	HOBBS, AUBREY THOMAS	{ City Engr.'s Dept., Council House, Birmingham.
	1911 Feb. 7.	HOBSON, HAROLD	{ Merz & McLellan, Hinton's Build- ings, Middlesbrough.
	1914 Feb. 3.	HODGSON, WILLIAM	415 Spring Bank West, Hull.
	1910 Mar. 22.	HODSMAN, OTTO WILLIAM	Moat House, Regent Street, Rugby.
	1913 Dec. 9.	{ HOLDEN, LAURENCE BROCKETT, B.Sc. (Manchester)	639 Chaussée de Waterloo, Brussels Belgium.
	1909 Dec. 21.	{ HOLLINGSWORTH, CHRISTOPHER RAYMOND	26 Gawber Road, Barnsley.
m	1911 Nov. 14.	{ HOLLOWAY, CHARLES EDWARD, B.Sc. (Bristol)	100 Bishop Road, Bishopston, Bristol.
	1911 Mar. 28.	HOLMDEN, EDWARD HENRY	{ P.W.D., Zomba, Nyasaland Pro- tectorate, Central Africa.
	1909 Mar. 23.	{ HOLMES, ALFRED PHILIP HANEY	The Grove, Barnard Castle, Dur- ham.
	1912 Apr. 30.	{ HOLMES, KENNETH WOODFULL, B.C.E. (Melbourne)	Railway Construction Branch, Rail- way Offices, Spencer Street, Mel- bourne.
	1914 Mar. 24.	HOLT, GEORGE CURTIS	Rokey Villa, Francis Street, Chapelton Road, Leeds.
	1913 Nov. 25.	HOLTON, ALFRED EDWARD	Hulme Hall, Victoria Park, Man- chester.
	1911 Jan. 17.	{ HOLTZAPFFEL, JOHN GEORGE HOLTZAPFFEL, B.A. (Cantab.) }	83 King Henry's Road, N.W.
	1913 Apr. 15.	{ HOLTZHAUSEN, DANIEL. B.A. (Cape)	J. A. Holtzhausen, Riversdale, Cape Colony.
	1910 Feb. 1.	{ HOMER, NICHOLAS HOWARD THOMAS	Godlingston, Swanage, Dorset.
	1911 Mar. 28.	HOMWOOD, JAMES BLUM	1 Town Pier, Gravesend.
	1913 Feb. 4.	{ HONNER, WILLIAM ROBERT EDWARD, B.Eng. (Liverpool) }	6 Ferme Park Mansions, Ferme Park Road, Hornsey, N.
	1913 Mar. 18.	HOOD, ANDREW	{ 25 Montrose Street, Kilbowie, Clyde- bank.
	1913 Dec. 23.	{ HOOD, ANDREW SMITH, B.Sc. (St. Andrews)	One Ash, Broughty Ferry.
	1910 Mar. 22.	HOOK, DUNCAN	{ c.o. Kennedy, Ponsonby, Ryde & Co., 4 Clement's Inn, Strand, W.C.

	Date of Admission.	STUDENTS.	
	1910 Dec. 20.	HOOKHAM, FELIX JOHN	1 Winton Square, Stoke-on-Trent.
	1910 Nov. 8.	HOOPER, HARRY UPINGTON	Maison Dieu House, Dover.
	1909 Nov. 16.	{ HOPKINS, GEORGE HENRY STANTON }	Ruhstein, Church Road, Osterley Park, Isleworth.
	1912 Mar. 26.	{ HOPKINSON, HUGH JAMES PEARSON }	Beechwood Lawn, Ferriby, E. Yorks.
	1909 Dec. 21.	HORNBY, HENRY SYLVESTER	Quarleston, Newport, Mon.
	1913 Nov. 25.	HORNE, LEONARD RALPH	Culloughmore, Elwyn Road, Ex- mouth.
	1910 Nov. 29.	HORST, WALTER	{ W. C. Horst, Bareilly College, Bareilly, U.P., India.
	1911 Nov. 14.	{ HORTON, ERNEST GEORGE (B.Sc. (Engineering) (Lond.)) }	The Grove, Burton Road, Derby.
	1907 Nov. 12.	HOUGHTON, WILLIAM	{ Oficina Ingenieros, F.C.S., Guana- haci 322, Buenos Aires.
	1914 Mar. 24.	HOWARTH, ALFRED HARTLEY	75 St. Stephen's Road, Preston.
	1910 Mar. 22.	HOWARTH, ARTHUR CECIL	{ 4 Myrtle Park Road, Crosshill, Glasgow.
	1908 Dec. 1.	HOWARTH, JOHN	{ Water Engr.'s Office, Heywood, Lanes.
	1911 Mar. 28.	HOWDEN, GEORGE BRUCE	{ N.B. Ry., Engr.'s Office, 23 Waterloo Place, Edinburgh.
	1909 Mar. 2.	HOWE, EDGAR	P.W.D., Coimbatore, S. India.
m	1910 Mar. 22.	HOWELL, DAVID ARNOLD	{ Res. Engr., Llandelly Waterworks, Car- marthen Street, Llandilo, Carm.
	1913 Mar. 18.	HOWLETT, ARTHUR ROYCE	49 Purves Road, Kensal Rise, N.W.
	1909 Nov. 9.	{ HOWORTH, GEORGE ERIC (B.Sc. (Manchester)) }	{ Holloway Bros. (London), Ltd., Western Dock, London Docks, E.
	1913 Jan. 28.	{ HUDSON, FREDERICK AUDLEY (B.A. (Cantab.)) }	56 Gordon Road, Ealing, W.
	1909 Nov. 16.	{ HUDSON, RICHARD JOHN HAR- INGTON }	Glen Beg, Dungarvan, co. Water- ford.
	1909 Nov. 23.	HUGHES, AUBREY EVERARD	Chorley Wood Vicarage, Heris.
	1910 Mar. 1.	HUGHES, HERBERT VALENTINE	Caer Gwent, Winchester.
	1912 Nov. 26.	HUGHES, JOHN	{ Laurel Bank, King Street, Egremont, Cheshire.
	1913 Nov. 25.	HUMBLE, ALFRED PROOM	{ Engr.'s Office, River Wear Com- mission, Sunderland.
	1908 Mar. 31.	{ HUMPHREYS, EDWIN WILLIAM ARNOLD }	Lendal Hill House, York.
	1913 Nov. 25.	{ HUMPHREYS, HOWARD CECIL LEE }	28 Victoria Street, S.W.
	1913 Mar. 18.	HUNN, ALFRED ERNEST	70 Maryon Road, Charlton, Kent.
m	1909 Mar. 23.	{ HUNT, ERNEST FOSTER (B.Eng. (Liverpool)) }	127 Fox Lane, Palmer's Green, N.
	1910 Nov. 8.	{ HUNTER, GEORGE DAVID LAFAYETTE }	Roath House, Low Fell, co. Durham.
	1913 Nov. 18.	HUNTER, WILLIAM COUTTS	Viewfield, Hawick, Roxburghshire.
	1911 Dec. 19.	{ HUSBAND, THOMAS GIBSON, (B.Sc. (Edin.)) }	118 Durocher, Montreal, Canada.
	1912 Jan. 30.	HUSSAIN, IGHAJ, B.Sc. (Glas.)	P.W.D., Punjab, India.
	1908 Mar. 31.	HUTTON, THEODORE RALPH	9 Sketty Road, Swansea.
	1912 Dec. 17.	ILAH, SHEIKH MAHRUB	19 Fairfax Road, Bedford Park, W.
	1907 Nov. 26.	IMSON, CHARLES KENNETH	Heatherlea, Runcorn.
	1909 Nov. 16.	INGLIS, RONALD ALEXANDER	20 Blenheim Crescent, S. Croydon.
	1910 Nov. 29.	INGOLDTRY, ERIC	{ The Bank House, Newnham-on- Severn, Glos.
	1911 Nov. 14.	INGOLDTRY, MAURICE KERR	Westgate House, Louth, Lincs.

Date of Admission.	STUDENTS.	
1910 Jan. 18.	IRVING, DOUGLAS FORBES ..	{ Woodall-Duckham Vertical Retort & Oven Construction Co., Palace Chambers, Westminster, S.W.
1912 Mar. 26.	IRVING, ROY FORBES	2 Priory Road, Clifton, Bristol.
1913 Apr. 15.	IRWIN, REGINALD DE VERE ..	89 Leigh Road, Eastleigh.
1910 Nov. 29.	IVEY, STEPHEN FRANK	Ivydene, New Town, Colchester.
1910 Mar. 22.	JACK, HARRY ROBERTSON ..	{ Walter Bridges & Co., 3 Salters' Hall Court, Cannon Street, E.C.
1913 Feb. 4.	{ JACKSON, ARTHUR LISTER, B.Sc. (<i>Durham</i>) }	166 Spring Bank, Hull.
1913 Mar. 18.	JACKSON, FRANCIS MUNTON ..	{ 35 Boundary Road, St. John's Wood, N.W.
1909 Dec. 21.	JACKSON, GEORGE GODFREY ..	Hewitt Plain, Roundhay, Leeds.
1913 Nov. 18.	JACKSON, HERBERT GUY ..	{ 34 Hyde Park Terrace, Hyde Park, Leeds.
1909 Mar. 23.	JAMES, EDWARD MARMADUKE	{ 39 Beverley Terrace, Cullercoats, Northumberland.
1911 Nov. 28.	JAMES, FRANK LESLIE	Dewsbury House, Haxby Road, York.
1911 Mar. 28.	JAMES, WILLIAM DOUGLASS ..	Ingledene, Plymouth.
1910 Nov. 29.	JAMESON, HERBERT MELLOR ..	Miller's Place, Warwick.
1908 Dec. 22.	JAMIESON, CHANDOS WYNDHAM	{ 2 Sunningdale Gardens, Kensington, W.
1909 Mar. 23.	{ JEFF, RICHARD HEDLEY ALLISON }	District Engr.'s Office, Taiping, Federated Malay States.
1913 Mar. 18.	JEFFREY, JOHN SALMON ..	4 Alleyn Road, Dulwich, S.E.
1911 Mar. 28.	JEFFREY, NORMAN SINCLAIR ..	24 Westbrook Villas, Darlington.
1911 Mar. 28.	JENKINS, RICHARD EDGAR ..	{ 3 New Houses, Pleasant View, Ebbw Vale, Mon.
1911 Nov. 14.	{ JENKS, ALAN ROBERT CONSTAN- TINE, B.Sc. (Engineering) (<i>Lond.</i>) }	58 Little Heath, Charlton, Kent.
1908 Nov. 24.	{ JENNINGS, CHARLES HORRURY, B.Eng. (<i>Liverpool</i>) }	City Engr.'s Office, Town Hall, Sheffield.
1912 Jan. 30.	{ JERVIS, ROBERT NORRIE, B.Sc. (<i>Edin.</i>) }	{ Works Dept., Edinburgh and District Water Trust, 12 St. Giles Street, Edinburgh.
1913 Nov. 25.	JOHNS, JOHN DATE	57 Queen's Road, Wimbledon, S.W.
1911 Mar. 28.	JOHNSON, WILLIAM GEDEN ..	7 Friars Road, Sale, Cheshire.
1912 Apr. 2.	JOHNSTON, DAVID HERBERT ..	81 Ashley Street, Carlisle.
1913 Feb. 4.	JOHNSTON, JAMES HALCRO ..	Orphir House, Orphir, Orkney.
1911 Mar. 28.	JONES, ARTHUR LESLIE	{ 5 Trafford Road, Eccles, nr. Manchester.
1910 Nov. 29.	JONES, EDWIN JAMES	{ Arden Grange, Cheadle Hulme, Stockport.
1912 Mar. 26.	JONES, FREDERICK WILLIAM ..	{ Borough Engr.'s Dept., Town Hall, Rochdale.
1914 Mar. 24.	JONES, JOHN MAXWELL	{ 10 College View, Wharf Road, Cubitt Town, E.
1913 Nov. 25.	JONES, MARTIN MARKER ..	{ Awelfryn House, Felinfoel, Llanelly, Carm.
1907 Nov. 26.	JONES, REGINALD TREVOR ..	P.W.D., Lahore, Punjab, India.
1910 Nov. 8.	{ JONES, TOM BARRY, B.A. (<i>Cantab.</i>) }	6 Addison Road, W.
1909 Mar. 23.	JONES, WILFRID GUY	8 Rawlinson Road, Oxford. [S.W.
1913 Mar. 18.	JORDAN, HERBERT MACCOLM ..	23 Bessborough Street, Westminster,
1914 Feb. 3.	JORDAN, JOHN BERTRAM ..	8 Fisher Street, Carlisle.
1912 Nov. 26.	JUKES, RAYMOND GEORGE ..	The Hollies, Burnt Tree, Tipton.
1913 Mar. 18.	JULEFF, SIDNEY	40 Thanet Road, E.

Date of Admission.	STUDENTS.	
1910 Apr. 19.	{ KANE, CHRISTOPHER ROWLEY HILL }	35 Highbury Hill, N.
1914 Mar. 24.	KAYLOR, EDWARD	38 Victoria Street, S.W.
1913 Nov. 18.	KEANE, EDMUND JOSEPH	132 Waterloo Road, Wolverhampton.
1912 Nov. 19.	KEANE, JOHN PEARSE MORTIMER	90 Murray Road, Rugby.
1913 Jan. 28.	KEIGHLEY, SAMUEL	{ Bleak House, Manchester Road, Burnley.
1911 Mar. 28.	KEIR, JOHN HARLEY	{ Carlock, Woodland Avenue, Potter- hill, Paisley.
1912 Mar. 26.	KELLETT, WALTER	8 Newton Road, Ashton, Preston.
1913 Nov. 25.	KELLEY, HERBERT HARDING	{ Walmley Ash, Minworth, Birming- ham.
1910 Mar. 22.	KEMP, LESLIE CHARLES	c.o. 46 West Hill, Sydenham, S.E.
1910 Dec. 6.	{ KENNEDY, JOHN, M.A., B.Sc. (Glas.) }	{ Glenfield & Kennedy, Ltd., Kil- marnock.
1910 Mar. 22.	KENNEDY, OTWAY PRIOR	Dock Engineer's Office, Hull.
1911 Nov. 28.	KENT, LESLIE HARCOURT	The Chalet, Stanmore, Middlesex.
1913 Dec. 9.	KER, THOMAS DARLING	{ The Beeches, Beech Avenue, Purley, Surrey.
1911 Mar. 28.	KERR, HAROLD	326 Dewsbury Road, Leeds.
1914 Mar. 31.	KESELL, CYRIL ERNEST	{ 20 Geneva Road, Kingston-on- Thames.
1914 Apr. 21.	KHAN, GHULAM MOHAMMAD	City Engr.'s Office, Edinburgh.
1912 Nov. 19.	{ KIDD, CECIL CHRISTIAN, B.Sc. (Birmingham) }	{ 40 James Street, Swadlincote, Burton-on-Trent.
1914 Mar. 31.	KILBURN, ROY GOODWIN	{ Sandycroft, Ltd., Sandycroft, Chester.
1910 Apr. 5.	KILGOUR, ANDREW	{ Craig-gowan, Loughborough Road, Kirkcaldy.
1913 Mar. 18.	KIMBERLIN, LESLIE CHARLES	{ 25 Melton Road, West Bridgford, Nottingham.
1914 Mar. 21.	KING, CLIFFORD ADEY	{ Dr. A. Smith, Holly Bank, near Headingley, Leeds.
1914 Mar. 21.	KING, GEOFFREY KENNETH	53 Friars Street, Sudbury, Suffolk.
1908 Mar. 31.	KING, STEPHEN HOLMES	{ Segghawe, Holly Park Gardens, Finchley, N.
1911 Mar. 28.	{ KINLOCH, JAMES MONCRIEFF THOMSON }	The Lodge, Barnby Dun, Doncaster.
1914 Mar. 21.	KIRBY, HAROLD LEPIRE	30 Oakdale Road, Streatham, S.W.
1911 Dec. 19.	{ KIRKWOOD, JAMES MILLAR, B.A. (Cantab.) }	Auchencraig, Largs, Ayrshire.
1914 Mar. 24.	KLOUMAN, FREDRICK AUGUST	10 Robb Street, Beeston, Leeds.
1914 Mar. 24.	KNIGHT, BERNARD HOWARD	Holland House, Newbury, Berks.
1911 Feb. 28.	KNIGHT, JAMES MOWAT	{ Invercarron, Breakspears Road, Brockley, S.E.
1911 Feb. 28.	KNIGHT, ROYSTON ENGLEHEART	28 Maryon Road, Woolwich, S.E.
B 1911 Mar. 28.	KNOWLER, HENRY	Langness, Sutton, Surrey.
1913 Apr. 15.	KNOWLES, PERCY	17 Vambury Road, Plumstead, S.E.
1913 Feb. 25.	{ KUNWAR, HAR PRATAP SINGH, B.Sc. (Glasgow) }	{ Dattia Kothce, Indore Residency, India.
1908 Mar. 31.	KYD, ROBERT GEORGE	{ Jackson & Kyd, Civil Engrs., Dunn- ville, Ontario, Canada.
1912 Nov. 19.	LACEY, CHRISTOPHER WILLIAM	{ P.W.D., Mirzapur Canal Division, Mirzapur, U.P., India.
1909 Nov. 30.	{ LACEY, LEONARD, B.Sc. (Engineering) (Lond.) }	Lawn House, Beckton, Essex.
1910 Mar. 22.	LADNER, ALAN WILFRID	{ 147 Church Lane, Old Charlton, Kent.

Date of Admission.	STUDENTS.	
1909 Mar. 23.	LAING, DAVID ERNEST	{ Contractor's Office, West Bank Dock, Widnes.
1914 Mar. 24.	LAIRD, JOHN	{ 23 Beechgrove Avenue, Aberdeen.
1911 Apr. 25.	{ LAL, BRIJ MOHAN, B.A. (<i>Punjab</i>), B.Sc. (Engineering) (<i>Lond.</i>)	{ Shankar Lal, Pleader, Hissar, India.
1910 Mar. 22.	LANE, FREDERICK TREMAYNE	{ 26 Carmalt Gardens, Putney, S.W.
1914 Feb. 3.	LANE, LESLIE WARD	{ Borough Surveyor's Office, Town Hall, Great Yarmouth.
1913 Nov. 25.	LANGDON, ARTHUR HENDRY ..	{ Metropolitan Water Board, Wil- mington, Dartford.
1913 Nov. 25.	LANSDOWN, DOUGLAS WARREN	{ 195 Narborough Road, Leicester.
1912 Mar. 26.	LAW, WILLIAM	{ 159 Stanhope Road, South Shields.
1912 Apr. 25.	LAWRENCE, JOHN, B.Sc. (<i>Glas.</i>)	{ 526 Macleod Street, Ottawa, Canada.
1912 Nov. 26.	LAWRENCE, ROBERT FRANCIS	{ Glenholme, Abbey Road, Grimsby.
1912 Nov. 26.	LAWS, LIONEL MAJOR	{ Lyndhurst, Pembroke Road, Erith, Kent.
1911 Dec. 19.	{ LEACH, ROGER CHADWICK, B.A. (<i>Cantab.</i>)	{ Derby Road, Freshfield, Liverpool.
1910 Nov. 29.	LEADBEATER, HARRY	{ Engr. & Surveyor's Office, Town Hall, Wood Green, N.
1912 Mar. 26.	LEAK, OSWALD CHARLES ..	{ Overdene, Barnoldswick, Colne, Lanes.
1908 Dec. 1.	LEAN, RICHARD	{ Asst. Loco. Supt., M. & S.M. Ry., Perambur, Madras.
1913 Nov. 18.	LEATHER, RALPH TOWLERTON	{ 45 Rosemary Street, Mansfield.
1910 Nov. 29.	{ LEDINGHAM, GEORGE ALEXANDER	{ 3 Golden Square, Aberdeen.
1912 Dec. 17.	LEE, HEDWORTH	{ Crowland, Aldenham Road, Bushey Herts.
m 1908 Jan. 21.	{ LEEMING, ERNEST LEONARD, M.Sc. Tech. (<i>Manchester</i>) ..	{ 22 Langdale Road, Victoria Park, Manchester.
1912 Mar. 26.	LEGAT, ARTHUR WATSON ..	{ 23 Southwick Street, Hyde Park, W.
m 1907 Dec. 17.	LEGG, JAMES	{ Newstead, King Charles' Road, Surbiton, Surrey.
m 1909 Mar. 2.	LEGG, WILL	{ Newstead, King Charles' Road, Surbiton, Surrey.
1909 Dec. 21.	{ LEHMANN, CHARLES LEOPOLD, JOSEPH	{ Mines de Cuivre de Naltagna, El Monte, Santiago, Chile.
1910 Mar. 22.	{ LEITH, PERCIVAL ARTHUR RUPERT	{ 6 Crooked Lane, Aberdeen.
1911 Nov. 28.	LEMON, EDGAR COUCH	{ Waterworks Engr.'s Office, Town Hall, Wakefield.
1914 Mar. 24.	LESLIE, THOMAS WALKER ..	{ Udston Farm, Hamilton, Lanark- shire.
1912 Mar. 26.	LEWIS, JAMES ROE	{ 30 Richmond Road, Cardiff.
1912 Nov. 19.	{ LILEY, HENRY DEAKIN, B.A. (<i>Cantab.</i>)	{ Theobalds, Hawkhurst, Kent.
1911 Jan. 17.	LINDLEY, WILLIAM MAXIMILIAN	{ Trinity College, Cambridge.
1913 Mar. 18.	LINDSLEY, HENRY WATSON ..	{ 10 Derby Street, Sunderland.
1913 Nov. 18.	{ LINGARD, AUBREY LAURENCE, B.A. (<i>Oxon.</i>)	{ Danchurst, The Park, Sidcup Kent.
1912 Nov. 19.	LINTON, EDWARD GEOFFREY ..	{ Llandaff Place, nr. Cardiff.
1912 Mar. 26.	LITTLEDALE, EDMUND HAROLD	{ 1 St. John's, Warwick.
1911 Feb. 7.	{ LITTLEJOHN, FREDERICK THOMAS	{ Borough Surveyor's Office, Shrews- bury.
1910 Mar. 22.	{ LITTLEWOOD, RUPERT ARTHUR PERCIVAL	{ Bishnauth Tea Co., Soutea P.O., Assam, India.
1912 Mar. 26.	LLOYD, IVOR	{ Mostyn Villa, Batley, Yorks.
1910 Nov. 8.	{ LLOYD, MONTAGUE AUBREY, B.A. (<i>Cantab.</i>)	{ Condercum House, Newcastle-on- Tyne.

Date of Admission.	STUDENTS.	
1910 Dec. 6.	{ LOBLEY, HENRY DENZIL, M.Sc. (Birmingham) }	Waterloo Avenue, Leiston, Suffolk.
1912 Nov. 26.	LOMAX, CHARLES GARNETT ..	37 Cross Street, Manchester.
1914 Mar. 24.	LONGMUIR, ALEXANDER, Jun. ..	Roseholm, Thornliebank, Glasgow.
1913 Dec. 16.	{ LOOMBA, KUNDAN LAL, B.A. (Punjab), B.Sc. (Engineering) (Lond.) }	City Engr.'s Office, 7 Southernhay West, Exeter.
1914 Mar. 24.	LORD, JOHN VIVIAN	30 Lea Road, Wolverhampton.
1913 Apr. 15.	LORD, OSCAR FULFORD	Old Harbour, Jamaica, B.W.I.
1913 Mar. 18.	LOW, ALFRED GIBSON	Craigdarroch, Duntfield, Dundee.
1912 Mar. 26.	LOW, DOUGLAS ARCHIBALD ..	109 Kenilworth Court, Putney, S.W.
1914 Mar. 24.	LOW, JOHN	3 Golden Square, Aberdeen.
1912 Apr. 30.	LOWSON, PEFFERS	{ Schoolhouse, Shawsburn, Larkhall, N.B.
1910 Nov. 29.	LUCAS, JARVIS OWEN	55 Springfield Place, Leeds.
1910 Nov. 15.	LUNLEY, CHARLES NOEL HOPE	
1914 Mar. 24.	LUMSDEN, WILLIAM GORDON ..	38 Sandcliff Road, Erith, Kent.
B 1910 Mar. 22.	{ LUNN, HERBERT EDGAR, B.Sc. (Engineering) (Lond.) }	Town Hall, Tunbridge Wells.
1912 Dec. 17.	{ LUNN, WALTER STANLEY, B.Sc. Tech. (Manchester) .. }	{ R. W. Menmuir, National Mutual Buildings, Church Square, Cape Town, South Africa.
1908 Mar. 31.	LUNT, THOMAS	444 Chester Road, Old Trafford, Manchester.
1910 Mar. 22.	LYALL, GEORGE NICOL	{ 33 Randolph Gardens, Partick, Glasgow.
1913 Mar. 18.	LYLE, ERNEST GORDON	55 Newlands Road, Glasgow.
1914 Mar. 24.	{ LYON, LOUIS GEORGE MAC- KENZIE	Kaiserbagh, Culduthel Road, In- verness.
1913 Mar. 18.	LYSTER, OSBALDESTON RICE ..	{ 3 Ullet Road, Princes Park, Liver- pool.
1914 Mar. 24.	MCANDREW, GEORGE DOUGLAS	20 Belgrave Terrace, Aberdeen.
1912 Mar. 26.	MACARTNEY, RICHARD JOSEPH	146 Greenway Road, Runcorn.
1914 Mar. 24.	MCCASH, JOEN WATSON	Cornhill House, Perth.
1913 Feb. 18.	{ MCCLELLAND, ALEXANDER ALLEN	51 Fotheringay Road, Pollokshields, Glasgow.
1909 Dec. 21.	MCCOLGAN, ALBERT JOHN ..	{ Elk House, Colbeck Terrace, Tyne- mouth, Northd.
1913 Nov. 18.	{ MCCONECHY, FERGUS MALCOLM GRAEME, B.Sc. (Manchester) }	Halton Bank, Eccles Old Road, Peudleton, Lanes.
1908 Nov. 17.	{ MCCONNEL, SAMUEL, B.Sc. (Engineering) (Lond.) }	R. McConnel, Clifton, Queensland.
1910 Jan. 18.	{ MCCracken, WILLIAM GIBB, B.Sc. (Glas.)	Kinnear, Moodie & Co., Johnson Street, Old Trafford, Manchester.
1913 Mar. 18.	MCCRONE, ROBERT WATSON ..	{ Craigallion, Kilmacolm, Renfrew- shire.
1913 Mar. 18.	MCCULLOCH, ALEXANDER ..	{ Overton House, West Kilbride, Ayr- shire.
1913 Mar. 18.	{ MACDONALD, ANGUS MAC- GILLIVRAY	214 Union Street, Aberdeen.
1910 Dec. 20.	{ McDONALD, EUSTACE ERIC DONALD	35 St. John's Road, Erith, Kent.
1909 Nov. 16.	{ MACDONALD, GEORGE, B.Sc. (Edin.)	Halley's Industrial Motors, Ltd., Yoker, Glasgow.
1913 Nov. 25.	MACDONALD, RAE	100 Castle Street, Inverness.
1911 Nov. 28.	MCGREGOR, ERIC	{ Mrs. Till, 254 Prince's Road, Harts- hill, Stoke-on-Trent.
1914 Mar. 24.	McHOUL, HUGH ALEXANDER	Ballochsmill, Rutherglen.
1913 Mar. 18.	McKAY, GEORGE	17 Dunard Road, Rutherglen, N.B.

Date of Admission.	STUDENTS.	
1909 Nov. 23.	{ MACKAY, THOMAS IAN SUTHER- LAND }	Hannover House, Harley's Road, Kilpauk, Madras.
1909 Nov. 16.	{ MACKENZIE, ALEXANDER DONALD, B.Sc. (<i>Edin.</i>) .. }	19 Greenhill Gardens, Edinburgh.
1912 Apr. 25.	{ MACKENZIE, LEONARD ALEX- ANDER }	South African College, Cape Town.
1912 Nov. 19.	{ MACKENZIE, RODERICK HENRY TURING }	7 Phoenix Lodge Mansions, Brook Green, W.
1912 Nov. 26.	McKILLOP, ALASDAIR	{ Borough Engr.'s Office, Southend- on-Sea.
1910 Mar. 22.	McKIM, WILLIAM ROWAND ..	{ 33 Willifield Way, Hampstead Gar- den Suburb, N.W.
1911 Feb. 28.	MacKINNON, JOHN YOUNGER	{ 31 Prospect Road, Summer Hill, Sydney, N.S.W.
1909 Mar. 23.	MACKINNON, LOUIS CHARLES ..	22 Dalmore Rd., West Dulwich, S.E.
1914 Mar. 24.	MACKINTOSH, WILLIAM JOHN.	{ C. R. Manners, 12 Lombard Street, Inverness.
1913 Jan. 28.	MACKLIN, RODERIC WILLIAM ..	The Croft, Whalley, Blackburn.
1914 Mar. 24.	MACLACHLAN, GORDON FORDYCE	Rowanbrae, Helensburgh, N.B.
1913 Apr. 15.	{ McLAREN, WALTER PATRICK FAIRRIE }	{ Carrick Dhu, Kenilworth, Cape, South Africa.
1911 Nov. 14.	{ MACLEAN, ALISTER GRANT, B.E. (<i>Sydney</i>) }	{ Wollondale, Gordon Road, Turra- murra, New South Wales.
1911 Mar. 28.	McLEAN, DONALD	{ Mrs. Connochie, Calrossie, Rockdale Street, Rockdale, Sydney, N.S.W.
1908 Nov. 17.	McLEAN, ROBERT	{ Kaduna, Northern Province, Nigeria, W. Africa.
1913 Mar. 18.	McLEISH, ALEXANDER DOUGLAS	10 Lansdowne Grove, Neasden, N.W.
1908 Feb. 4.	{ McLEOD, LEONARD FRED- ERICK }	{ Blantyre, Beaconsfield Road, Black- heath, S.E.
1913 Nov. 18.	{ MacMURRAY, JOHN, B.Sc. (Engineering) (<i>Lond.</i>) .. }	24 St. Bede's Terrace, Sunderland.
1913 Mar. 18.	{ McNAB, JOHN BORRIE McCULLOCH }	Bank House, Bothwell.
R 1911 Feb. 28.	{ MacNAMARA, HUGH JOHN, B.Sc. (Engineering) (<i>Lond.</i>) .. }	{ Bombay Burmah Trading Corpora- tion, Bangkok, Siam.
1911 Mar. 28.	{ McNAUGHTON, GEORGE MAT- THEW }	99 Forfar Road, Dundee.
1910 Nov. 8.	MacNEILL, ALEXANDER GUNN	22 Osborne Place, Aberdeen.
1913 Mar. 18.	MACONACHIE, FRANK STANLEY	Heath Park, Carnoustie, Forfarshire.
1912 Mar. 26.	MacPHAIL, WILLIAM JOHN ..	214 Union Street, Aberdeen.
1911 Nov. 14.	{ MAIR, JAMES HUGH, B.Sc. (Engineering) (<i>Lond.</i>) .. }	{ 33 Rylett Road, Shepherd's Bush, W.
1911 Mar. 28.	MAITLAND, ALEXANDER McLEAN	26 Windsor Terrace, Glasgow.
1911 Nov. 14.	MAITLAND, JOHN PELHAM ..	41 Preston Road, Brighton.
1912 Dec. 17.	MALE, EDWARD	75 Commercial Street, Risca, Mon.
1909 Mar. 23.	{ MALET, GERALD RIOU LILLING- STON }	{ c.o. Grindlay & Co., 54 Parliament Street, S.W.
1910 Nov. 29.	MALIK, JASWANT SINGH	{ c.o. Malik Chairbarsingh, Rawal- pindi, India.
1913 Dec. 16.	MALLINSON, ERIC, B.Sc. (<i>Leeds</i>)	28 Queen's Road, Beckenham, Kent.
1911 Nov. 28.	MANN, JOHN	9 Lincoln Street, Barrow-in-Furness.
1911 Nov. 14.	MARIETTE, ERNEST EDGAR ..	Brompton Barracks, Chatham.
1909 Nov. 16.	MARRIOTT, JOHN HARLAND ..	{ Sewerage Engr.'s Office, Great George Street, Leeds.
1913 Nov. 18.	MARRIOTT, STANLEY GEORGE	{ The Grange, Brinton, Melton Constable.
1913 Mar. 18.	MARSH, EUSTACE OLIVER ..	25 Gainsboro' Road, Crewe.
1914 Mar. 3.	{ MARSHALL, ARTHUR RAYMOND, B.A. (<i>Cantab.</i>) }	{ 38 Beaufort Road, Edgbaston, Bir- mingham.
1913 Mar. 18.	MARSHALL, ROBERT	Carsbreck, Carnoustie, Forfarshire.
1910 Dec. 20.	{ MARTIN, FRANCIS HENRY, B.A. (<i>Cantab.</i>) }	

Date of Admission.	STUDENTS.	
1910 Nov. 29.	MASON, SYDNEY MORTON ..	{ Municipal Buildings, Victoria Street, Grimsby.
1910 Mar. 22.	MATHER, JOHN WYLD	{ Willans & Robinson, Ltd., Rugby.
1908 Dec. 1.	{ MATTHEWS, FREDERICK WILLIAM	{ Easton Gibb & Son, Ltd., Rosyth, Inverkeithing, N.B.
1911 Nov. 28.	{ MAUNSELL, ROBERT GEORGE FREDERIC	{ Amberd, Dean Park, Bournemouth.
1911 Mar. 28.	MAY, GEORGE ALFRED	{ 75 St. Alban's Road, Dartford, Kent.
1914 Feb. 24.	{ MAYNAID, FORSTER HERBERT MARTIN	{ University College Hall, Ealing, W.
1914 Mar. 24.	MAYS, CECIL EDWARD	{ 4 Chattan Place, Aberdeen.
1913 Nov. 25.	MEAD, WILLIAM FRANCIS ..	{ Oakdene, Beech Grove, Newland, Hull.
1913 Mar. 18.	{ MECHIE, JAMES, B.Sc. (St. Andrews)	{ Mrs. Love, 3 Lorne Place, Mount Florida, Glasgow.
1912 Nov. 19.	{ MEDD, ROBERT TATE, B.A. (Oxon.)	{ 12 Eldon Place, Newcastle-on-Tyne.
1914 Mar. 24.	{ MEIKLE, WILLIAM QUARTUS RONALD	{ 95 Millbrae Road, Langside, Glasgow.
1910 Mar. 22.	MERCER, IVOR EDWIN	{ The Cedars, Kent Road, Gravesend.
1913 Feb. 25.	MERCER, JOHN ADAMS	{ 85 Turney Road, Dulwich, S.E.
1911 Mar. 28.	METCALFE, HAROLD ROBSON ..	{ Surveyor's Dept., Council Offices, Broadstairs.
1912 Nov. 19.	{ MIDDLETON, JOHN GROVE STANLEY, B.Sc. (Birmingham) ..	{ Rostrevor, Foden Road, Walsall.
1913 Mar. 18.	MILLAR, THOMAS TWEEDIE ..	{ 4 Cecil Street, Hillhead, Glasgow.
1912 Mar. 26.	MILLARD, KEITH	{ D. Balfour and Son, 3 St. Nicholas Buildings, Newcastle-on-Tyne.
1911 Dec. 5.	MILLER, EDGAR BEAUDEN ..	{ 1 Berkeley Gardens, Campden Hill, W.
1909 Dec. 21.	MILLER, JOHN GORDON	{ 8 Garscube Terrace, Edinburgh.
1908 Nov. 17.	{ MILLER, LEONARD CHALLINOR, B.Sc. (Engineering) (Lond.) ..	{ 14 Carlton Road, St. John's, S.E.
1914 Feb. 24.	{ MILLER-HALLETT, STEWART ALEXANDER	{ Goddington, Chelsfield, Kent.
1909 Mar. 23.	MILLICAN, CHARLES GEORGE ..	{ Newton Reigny, Penrith, Cumberland.
1912 Mar. 26.	MILNE, ALEXANDER GEORGE ..	{ 26 South Mount Street, Aberdeen.
1912 Mar. 26.	MILNE, KENNETH BARCLAY ..	{ 7 Windsor St., Barrow-in-Furness.
1912 Mar. 26.	MILNER, GEOFFREY	{ 9 South Street, Savile Town, Dewsbury.
1911 Mar. 28.	MILNES, GEORGE	{ Borough Engr.'s Office, Town Hall, Halifax.
1914 Mar. 24.	MITCHELL, ARTHUR JAMES ..	{ 24 Heriot Place, Edinburgh.
1909 Nov. 16.	{ MITCHELL, GEORGE STANLEY, B.Sc. (Engineering) (Lond.) ..	{ 164 Babbage Road, Dulwich Village, S.E.
1912 Mar. 26.	MITCHELL, JAMES	{ 82 Park Drive North, Whiteinch, Glasgow.
1912 Mar. 26.	MITCHELL, THOMAS	{ 337A Clepington Road, Dundee.
1911 Nov. 14.	{ MITCHELL, WILLIAM CHARLES, B.Sc. (Engineering) (Lond.) ..	{ 7 Courtfield Gardens, West Ealing, W.
1914 Mar. 21.	{ MITRA, JNANENDRA NATH, B.Sc. (Calcutta)	{ Engr.'s Office, L. and N. W. Ry., Crewe.
1910 Nov. 8.	MOCATTA, FREDERICK ELIAS ..	{ 49 Hamilton Terrace, N.W.
1909 Mar. 23.	{ MOIR, LEONARD RAE, B.Sc. (Birmingham)	{ Ravenswood, Hillside, Montrose, N.B.
1908 Nov. 17.	MOIR, STUART BYRES	{ 93A Harley Street, W.
1911 Nov. 28.	MOLYNEUX, HARRY LINDSAY ..	{ Elmhurst, Elms Road, Henton Moor, Stockport.
1910 Mar. 22.	MONAGHAN, DENIS LAURENCE ..	{ Brecon & Merthyr Ry., Engr.'s Office, Tredegar Chambers, Newport, Mon.

Date of Admission.	STUDENTS.	
1913 Feb. 18.	MONCRIEFF, ALAN	{Gawane, Gosforth, Newcastle-on-Tyne.
1910 Nov. 29.	{MONTAGU, AINSLEY MARSHALL RENDALL}	{Fishguard Harbour Works, Contractor's Office, Goodwick, Pem.
1914 Mar. 24.	MOODIE, CHARLES VINCENT ..	{Ashley Grove, Atterby Terrace, Newtown, Stockton-on-Tees.
1910 Nov. 8.	MOON, JOHN PETERS	{Oaklands, Severn Road, Weston-super-Mare.
1914 Mar. 24.	MOORE, BURROWS	105 Breakspears Road, Brockley, S.E.
R 1910 Nov. 8.	{MOORE, ERIC, B.Sc. (Engineering) (Lond.)}	{c.o. 20 Baskerville Road, Wandsworth Common, S.W.
1909 Mar. 23.	MOORE, FRANK ARTHUR	{Spring Vale House, Ettingshall, Wolverhampton.
1909 Mar. 30.	{MOORE, THOMAS JOHN MCLUCKIE}	{30 St. Vincent Crescent, Glasgow.
1910 Nov. 29.	MORALES, EUSEBIO	Moncada, Tarlac, Philippine Islands.
1908 Jan. 21.	MORANT, ARTHUR	{c.o. Agent, Assam-Bengal Ry., Chittagong, India.
1913 Jan. 28.	{MORAU, MARIE LOUIS JULES. B.Sc. (Engineering) (Lond.)}	{Vacoas, Mauritius.
1913 Nov. 18.	{MORGAN, FRANK LESLIE, M.Sc. (Birmingham)}	{Madeley Wood Co., Madeley, Shropshire.
1911 Dec. 5.	MORGAN, WILLIAM DONAL ..	Bryn-y-mor, Solva, Pembrokeshire.
1914 Mar. 24.	MORRIS, CLAUDE OGILVIE ..	18 Forest Road, Aberdeen.
1913 Nov. 25.	MORRIS, CLEMENT JOHN ..	8 Rathmines Road, Dublin.
1910 Mar. 22.	MORRIS, HARRY	Sand Hills, St. Anne's-on-Sea.
1912 Mar. 26.	MORRISON, JAMES	63 Queen's Road, Aberdeen.
1913 Apr. 1.	{MORSE, HENRY MERRETT RAVENSBURY}	{94 Nelson Street, Crewe.
1911 Jan. 17.	{MORSE, THOMAS RIDDING, B.Sc. (Birmingham)}	{50 Bunbury Road, King's Norton, Birmingham.
1908 Mar. 31.	MORTON, KENNETH WILLIAM	{P.O. Box 766, New Westminster, B.C. [caster.
1912 Nov. 19.	MORWOOD, ARTHUR	34 Morley Road, Wheatley, District Engr.'s Office, S.E. & C. Ry., New Cross Station, S.E.
1909 Mar. 23.	{MOSELEY, OSWALD HERBERT GEORGE KERR}	{Post Office, Chase, British Columbia.
1913 Apr. 1.	MOUBRAY, CYRIL LLOYD ..	7 Herbert Street, Aberdare, S. Wales.
1913 Dec. 16.	{MOUNG, MOUNG AYE, B.A. (Cantab.)}	{Dominion Bridge Co., Ltd., Lachine, Montreal, Canada.
1911 Mar. 28.	MOXON, GEORGE BURNHAM ..	Island Bawn, Nenagh.
1911 Nov. 14.	MOYNAN, FREDERICK KNOX ..	17 Partickhill Road, Glasgow.
1913 Mar. 18.	{MUNRO, JOHN CHARLES CLEMENT}	{Gangao Dam Division, via Nowgong, Bundelkhand, Central India.
1909 Nov. 9.	{MUNSEY, SYDNEY THOMAS HENSMAN, B.Sc. (Engineering) (Lond.)}	{Engr.'s Dept., Midland Ry., Northern Counties Committee, Belfast.
1914 Mar. 24.	MURPHY, GERALD JAMES ..	Willans & Robinson, Ltd., Rugby.
1911 Mar. 28.	{MURRAY, ARTHUR RICHMOND, B.A. (Cantab.)}	{Prospect House, Upper Wortley Road, Leeds.
1910 Mar. 22.	MYERS, ALLAN LANGTON ..	
1911 Apr. 25.	NAKAI, UDHAM SINGH	The University, Glasgow.
1910 Nov. 8.	NANDI, RASHBEHARI	{P.O. Jatua, Mahabatpur, Sylhet, Assam.
1912 Nov. 19.	{NANDI, SURENDRA NATH, B.A. (Cantab.)}	{Res. Engr.'s Office, Great Central Ry., Barnby Dun, Doncaster,

Date of Admission.	STUDENTS.	
1908 Mar. 31.	NAYLOR, HARRY	{ 910 Beach Drive, Oak Bay, Victoria, B.C.
1914 Mar. 24.	{ NEILD, WILLIAM CECIL, B.A. (<i>Canab.</i>) }	{ 18 Westminster Chambers, 1 Cross-hall Street, Liverpool.
1910 Apr. 12.	{ NEVETT, WILLIAM PERCY, B.Sc. (<i>Birmingham</i>) }	{ Water-Supply Dept., Kalgoorlie, W. Australia.
1914 Mar. 24.	NEWELL, HAROLD CLIFFORD ..	26 Leicester Grove, Leeds.
1910 Mar. 22.	NEWTON, HENRY	
1912 Nov. 26.	NEWTON, JOHN FRANKLIN ..	200 Huddersfield Road, Stalybridge
1912 Nov. 26.	NIJZ, SHEIKH MOHAMAD ..	{ Taylor and Wallin, Cathedral Buildings, Newcastle-on-Tyne.
1912 Mar. 26.	{ NICOLLE, ARTHUR VILLENEUVE, B.Sc. (<i>Engineering</i>) (<i>Lond.</i>) }	Hillside, Charmouth, Dorset.
1914 Mar. 24.	{ NICOLSON, JOHN FRANCIS HUNTER }	2 Carden Place, Aberdeen.
1912 Nov. 26.	NINHAM, HENRY CHRISTIAN ..	The Gables, B.-laugh, Norwich.
1913 Nov. 18.	NIVEN, ROBERT OGILVIE ..	1 Viewfield Terr., Hillhead, Glasgow.
1912 Mar. 26.	NIXON, JOHN BORTHWICK ..	16 Highbury, Newcastle-on-Tyne.
1912 Jan. 16.	{ NOAD, JOHN ELLIOTT MON- CHIEFF }	Charlesfield Lodge, Gask, Auchterarder.
1913 Apr. 22.	NOBLE, JAMES MORTON	21 Walsworth Road, Hitchin, Herts
1913 Mar. 18.	{ NORMAN, JAMES WOODLAND DOUGLAS }	39 Gloucester Gardens, Hyde Park, W.
1908 Mar. 31.	NORMAN, JOHN WARREN ..	Jesselton, British North Borneo.
1914 Jan. 20.	NORRIS, JOHN WILSON	{ 18 Allfarthing Lane, Wandsworth, S.W.
1910 Mar. 22.	{ NORRIS, STEPHEN WALLACE JOHN }	8 Montem Road, Catford, S.E.
1910 Mar. 22.	NORTH, NEVILLE MARRIOTT ..	{ 2 Chillingham Road North, Henton, Newcastle-on-Tyne.
1913 Apr. 22.	NOSRAT, MOSTAFA RADWAN ..	
1909 Dec. 21.	NOTT, LEWIS WILLIAM	{ Borough Engr.'s Dept., Town Hall, Bolton.
1911 Nov. 14.	{ NOTT, THOMAS WALKER, B.A. (<i>Canab.</i>) }	19 Clare Street, Bristol.
1911 Nov. 28.	NUNN, REGINALD LEWIS ..	{ Sewer Outfall Works, Gilfach Goch, Glamorgan.
1912 Nov. 19.	{ NUNN, RICHARD EDWARD, B.Sc. (<i>Manchester</i>) }	{ Central Station, M. & S. M. Ry., Madras, India.
1913 Mar. 18.	OAKDEN, ARTHUR MARSHALL	Bank House, Retford.
1908 Nov. 24.	O'CALLAGHAN, CYRIL TAIT ..	97 Eaton Square, S.W.
1909 Nov. 9.	OCKENDEN, ALBION CHARLES	{ Oil Well Supply Co., Pittsburg, Pa., U.S.A.
1911 Mar. 28.	OGILVIE, CHARLES BROWN ..	{ Asst. Engr., Malaria Advisory Board, P.W.D., Federated Malay States.
1913 Jan. 28.	OSBORNE, JAMES MILLER ..	131 West Regent Street, Glasgow.
1912 Nov. 19.	OVERFIELD, HAROLD VINCENT	8 Walter Street, West Bromwich.
1914 Mar. 24.	OWLES, THOMAS ARTHUR ..	{ L. P. Nott, Contractor's Office, Cromarty & Dingwall Light Ry., Cromarty.
1911 Mar. 28.	PACKMAN, WALTER EDWIN ..	121 St. George's Road, Reading.
1913 Nov. 25.	PALING, LESLIE GEORGE ..	{ 249 Radford Road, Hyson Green, Nottingham.

Date of Admission.	STUDENTS.	
1909 Dec. 21.	PARKER, WILLIAM ERNEST ..	30 Priesthorpe Road, Bingley, Yorks.
1909 Nov. 9.	{ PARKER, WILLIAM LEONARD, .. B.E. (<i>New Zealand</i>) }	Kennedy & Donkin, 17 Victoria Street, S.W.
1909 Mar. 23.	PARKES, ARTHUR JOSIAH ..	R.E. Mess, Aldershot.
1910 Mar. 22.	PARKES, STANLEY SHERMAN ..	{ A. Caradoc Williams, 6 Godstall Chambers, Chester.
1912 Jan. 16.	PARKINSON, RICHARD FRANK ..	60 Bexley Lane, Crayford, Kent.
1910 Nov. 29.	PARNELL, VALENTINE SPENCER	14 Brighton Road, Birmingham.
1914 Jan. 20.	{ PATERSON, CHARLES JAMES, .. B.Sc. (<i>Engineering</i>) (<i>Lond.</i>) }	77 Darlington Street, Wolverhampton.
1912 Nov. 19.	PATERSON, DAVID ERIC ..	{ c.o. Asst. Engr., Bridges, South African Rys., Durban, Natal.
1913 Mar. 18.	PATERSON, GRAHAM FERGUSON	Albion House, Carriek Road, Ayr.
1909 Jan. 19.	PATERSON, JAMES OGILVIE ..	{ c.o. Asst. Engr.-in-Charge, Reduction of Gradients, Laingsburg, Cape Colony.
1910 Mar. 1.	PATERSON, LESLIE MARTIN ..	{ Rose Bank, Stanley Road, Knutsford
1911 Apr. 11.	{ PATOUREL, PAUL DIEDRICH .. LANCELOT LE }	12 Kidbrook Grove, Blackheath, S.E.
1909 Dec. 21.	PATTERSON, RICHARD DARCY ..	{ Westbourne, Windsor Avenue, Belfast.
1909 Mar. 23.	PAYNE, FREDERICK GARRATT	6 Homefield Road, Chiswick, W.
1913 Nov. 18.	{ PEACH, BENJAMIN NEEVE, .. B.Sc. (<i>Educ.</i>) }	72 Grange Loan, Edinburgh.
1913 Apr. 15.	PEACOCK, JAMES ALFRED ..	63 Picardy Hill, Belvedere, Kent.
1912 Feb. 6.	{ PEAKE, HENRY, .. B.Eng. (<i>Liverpool</i>) }	Council Offices, Mirfield.
1909 Dec. 21.	PEARSON, KENNETH NOBLE ..	{ 32 Norman Road, Northfield, Birmingham.
1913 Nov. 18.	PEASE, THOMAS ORMSTON CAVE	{ Woodlands Villa, Milbank Road, Darlington.
1911 Nov. 28.	{ PEET, HASTINGS GEORGE .. REGINALD }	Birchgrove, Kill Avenue, Monkstown, co. Dublin.
1911 Nov. 28.	{ PEET, ROBERT FITZ-EDWARD .. O'DONNELL }	c.o. Taylor, Sons & Santo Crimp, Caxton House, Westminster, S.W.
1912 Nov. 19.	{ PEIRSE, RICHARD EDMUND .. CHARLES }	4 South Row, Blackheath, S.E.
1911 Nov. 28.	PELL, JOSEPH WILLIAM ..	Holme Pierremont, Nottingham.
1913 Mar. 18.	PENGELLEY, ROWLAND DONALD	{ MacAndrews & Forbes, Ltd., Smyrna, Asia Minor.
1909 Jan. 26.	PERFECT, EDMUND	G.W. Ry., Divl. Engr.'s Office, Newport, Mon.
1911 Nov. 28.	PERRIN, MICHAEL, B.A. (<i>Cambr.</i>)	{ Biring, Hartington Street, Leek, Staffs.
1910 Nov. 8.	PERRYMAN, NELSON JOSEPH ..	{ 18 Stokenchurch Street, Fulham, S.W.
1911 Feb. 28.	PETERS, BERNARD RICHARD ..	The Grange, Rustington, Sussex.
1912 Mar. 26.	PETTIT, HERBERT CHARLES ..	Royal Technical College, Glasgow.
1910 Nov. 15.	PHILLIPS, CLIVE ALEXANDER ..	10 Fordwych Road, Brondesbury.
1914 Feb. 24.	{ PHILLIPS, DAVID IVOR, .. B.Sc. (<i>Bristol</i>) }	42 Castle Street, Bristol. [N.W.]
1914 Mar. 24.	PHILLIPS, FREDERICK DOSSY ..	{ Hallam House, Park Gate, Rotherham.
1910 Mar. 22.	PHILLIPS, HUBERT CYRIL ..	13 Lansdowne Road, Bedford.
1913 Mar. 18.	PHILLIPS, TREVOR WATTS ..	{ Borough Engr.'s Office, Town Hall, Bexhill-on-Sea.
1912 Apr. 16.	PICK, MARTIN	{ 8 Wildwood Road, Golders Green, Hendon, N.W.
1914 Feb. 17.	PICKSTONE, WILL	Nursery House, Radcliffe, Manchester.
1913 Nov. 25.	PICKWELL, PERCY GEORGE ..	{ 58 Esme Road, Sparkhill, Birmingham.

Date of Admission.	STUDENTS.	
1909 Mar. 23.	PIDGEEON, JOHN GORDON ..	{ Borough Engr.'s Office, Town Hall, Bootle.
1911 Feb. 28.	PIKE, WILLIAM EDWARD ..	Boulevard, Strathfield, N.S.W.
1912 Mar. 26.	{ PINKERTON, WILLIAM JAMES .. DUNLOP	{ 83 Finlay Drive, Dennistoun, Glasgow.
m 1911 Mar. 21.	PIPPARD, ALFRED JOHN SUTTON	Woodleigh, Hendford, Yeovil.
1912 Jan. 16.	{ PLUNKETT, ARTHUR LANCELOT .. BONNER	{ M. & S.M. Ry., Bezwada, S. India.
1913 Dec. 23.	{ POLHILL, STANLEY FREDERICK .. PHILIP, B.A. (<i>Cantab.</i>) ..	{ Howbury Hall, Bedford.
1914 Feb. 24.	POINSONBY, ROY EVELYN ..	15 Hamilton Road, Ealing, W.
1911 Dec. 19.	{ POOL, CHARLES BENFIELD, .. B.Sc. (Engineering) (<i>Lond.</i>)	{ 9 White Street, Derby.
1914 Mar. 24.	POSTON, GUY	Bishopsford, Mitcham, Surrey.
1914 Apr. 21.	POTTER, JOHN ERIC BRUTNELL	18 Keswick Road, Putney, S.W.
1913 Nov. 25.	POTTER, WILLIAM ROCHESTER	{ Withylands, Kendall Avenue South, Purley.
R 1911 Nov. 14.	{ POUND, GRAHAM TREVOR, .. B.Sc. (Engineering) (<i>Lond.</i>)	{ Erneston, Simla, India.
1913 Nov. 18.	{ POWELL, MEREDITH BECKETT, .. B.A. (<i>Cantab.</i>)	{ Connaught Club, Marble Arch, W.
1913 Mar. 18.	{ POWELL, ROBERT DESMOND .. FITZGERALD	{ 5 Regent Street, Queen's Road, Coventry.
1914 Mar. 24.	POWER, WALTER	Kilkivan, Urnson Road, Wallasey.
1910 Nov. 8.	POWIS, GEORGE	{ P.O. Box 619, Johannesburg, Transvaal.
1907 Mar. 26.	PRATT, REGINALD CAMDEN ..	5 Adelaide Street, Wolverhampton.
1912 Mar. 26.	PRESCOTT, GUY MALCOLM ..	Engineer's Office, N.E. Ry., York.
1914 Feb. 24.	PRESTON, RAPHAEL CHEVALLIER	11 Kew Gardens Road, Kew, S.W.
1908 Dec. 22.	PREYMAN, MAURICE WILLIAM	Richmond Lodge, Bournemouth.
1911 Mar. 28.	PRITCHARD, ERNEST WILFRED	120 Llandaff Road, Cardiff.
1910 Dec. 6.	{ PRITCHARD, JOHN DAVIS HERNE, .. B.Sc. (Engineering) (<i>Lond.</i>)	{ Alpine House, Osborne Road, South Farnborough.
1911 Mar. 28.	PROBERT, CECIL	{ L. & N.W. Ry., Permanent Way Dept., Divl. Engr.'s Office, Crewe.
1913 Mar. 18.	PROTHEROE, EDWIN LYNDON ..	3 Bryn Road, Swansea.
1907 Mar. 26.	PRYCE, WILFRED HARRY ..	{ c/o. H. J. Pryce, 73 Marlborough Mansions, West Hampstead, N.W.
1910 Mar. 22.	PRYDE, DAVID BARNES	{ Fairview, Mountfield Road, Church End, Finchley, N.
1910 Nov. 29.	PUDDICOMBE, ALBERT BRUCE	{ Customs House, Chinese Customs Service, Shanghai, China.
1910 Mar. 22.	PURVES, ALEXANDER BRUCE ..	Public Works Dept., Hong Kong.
1906 Nov. 27.	{ QUARTERMAINE, ALLAN STEPHEN, B.Sc. (Engineering) .. (<i>Lond.</i>)	{ G.W. Ry., Engr.'s Office, Paddington, W.
1909 Nov. 9.	{ QUICK, HAROLD LLEWELLYN, .. B.Sc. (Engineering) (<i>Lond.</i>)	{ The Coppée Co. (G.B.), Ltd., King's House, Kingsway, W.C.
1909 Dec. 21.	{ RADFORD, THOMAS KIRK, .. PATRICK	{ P.W.D., Kuala Lumpur, F.M.
1913 Dec. 23.	{ RADFORD, WILLIAM NOEL, .. B.A. (<i>Cantab.</i>)	{ Woodlands, Sherwood, Nottingham.
1911 Mar. 28.	RANDALL, CECIL FRANCIS ..	21 Pembroke Road, Erith, Kent.
1913 Apr. 15.	RANKIN, ALEXANDER CECIL ..	40 Aslton Gardens, Glasgow.
1912 Jan. 30.	{ RATHTRAY, REGINALD CAMPBELL, B.A. (<i>Cantab.</i>)	{ Crendah, Park Crescent, Southport.
1909 Mar. 23.	RAW, WILLIAM DOUGLAS LEVIN	Maisonette, Southport.

Date of Admission.	STUDENTS.	
1914 Mar. 24.	{ RAWLINS, GEORGE BROMLEY, B.Sc. (<i>Birmingham</i>) }	Roseneath, Middleton Road, Streetly, Birmingham.
1913 Mar. 18.	REAH, HERBERT WILLIAM	{ 4 Wood Terrace, Westoe, South Shields.
1912 Jan. 16.	{ REES-MOGG, LOUIS LEYSON, B.A. (<i>Cantab.</i>) }	29 Park Road, Rugby.
1909 Dec. 21.	REEVES-SMITH, DENYS	Berkeley Hotel, Piccadilly, W.
1911 Apr. 25.	REID, JOHN LAVENS	{ P.O. Box 274, Lachine Locks, Montreal, Canada.
1912 Jan. 30.	{ REILLY, CHARLES OLIVER CALLCOTT, B.Sc. (<i>Engineering</i>) (<i>Lond.</i>) }	Grindlay, Groom & Co., Bombay.
1911 Nov. 14.	REITH, JOHN CHARLES WALSHAM	{ S. Pearson & Son, Ltd., Royal Albert Dock Extension (South), North Woolwich, E.
1911 Mar. 21.	{ REYNOLDS, LANCELOT EDWARD JOSHUA }	The Priory, Friern Barnet Road, N.
1908 Dec. 22.	{ REYNOLDS, WILLIAM FREDERICK RICK ROGER }	Pauling & Co., 3/5 Saners Buildings, Johannesburg, Transvaal.
1909 Nov. 9.	RHODES, THOMAS IMRIE	{ 3 Cunah's Grove, Old Trafford, Manchester.
1913 Nov. 18.	RICHARDS, FRANK LEONARD	71 Botanic Avenue, Belfast.
1909 Dec. 21.	{ RICHARDS, GEORGE EUSTACE ARMSTRONG }	17 Beaconsfield Rd., Clifton, Bristol.
1909 Nov. 30.	RICHARDS, HAROLD BEECHAM	{ Engr.'s Office, Gladstone Dock Works, Bootle, Liverpool.
1911 Mar. 28.	RICHARDSON, BARON VIVIAN	Longueville Manor, Jersey.
1913 Nov. 18.	{ RICHARDSON, DARYL STEWART, B.A. (<i>Cantab.</i>) }	Bishops Down Grange, Tunbridge Wells.
1912 Nov. 26.	RICHARDSON, DOUGLAS BIRCH	{ 18 Ingestre Road, Oxtou, Birken- head.
1912 Mar. 26.	RICHMOND, GEORGE WILLIAM	Heathwood, Leighton Buzzard.
1912 Mar. 26.	RICHMOND, ROGER	Bannel Head, Kendal.
1911 Mar. 28.	RIDDELL, ARCHIBALD	{ 3 St. John's Road, Pollokshields, Glasgow.
1910 Nov. 29.	{ RIDDOCH, JAMES KEPPIE, B.Sc. (<i>Glasgow</i>) }	Dept. of Works, H.M. Dockyard, Portsmouth.
1910 Nov. 29.	RILEY, FREDERIC CHARLES	{ Brunswick Lodge, Newmarket Road, Norwich.
1914 Feb. 17.	RITCHIE, LEONARD ALBANY	{ Easton Gibb and Son, Ltd., H.M. Dockyard, Rosyth.
1913 Nov. 18.	ROBB, HAROLD BRINDLEY	{ 31 Wontner Road, Upper Tooting, S.W.
1914 Apr. 7.	ROBERTS, FRANK REGINALD	{ 153 Victoria Road, Old Charlton, Kent.
1912 Mar. 26.	ROBERTS, JOHN ACE	{ 83 Barrow Road, Streatham Com- mon, S.W.
1912 Mar. 26.	ROBERTSON, JOHN	{ 36 Stuart Avenue, Scotstoun, Glasgow.
1913 Jan. 28.	ROBERTSON, JOHN	42 Grant Street, Glasgow.
1913 Nov. 18.	{ ROBERTSON, ROBERT BRUCE, B.Sc. (<i>Edin.</i>) }	38 Warrender Park Terrace, Edin- burgh.
1911 Mar. 28.	{ ROBERTSON, VERNON ALEC MURRAY }	{ Engineer's Works Dept., S.E. & C. Ky., 84 Tooley Street, London Bridge, S.E.
1912 Nov. 19.	{ ROBESON, VYVYAN ARTHUR HEMMING }	The Abbey Cottage, Tewkesbury.
1911 Apr. 4.	ROBINSON, CYRIL ELLETT	Forth Lodge, Willesden Lane, N.W.
1913 Nov. 18.	ROBINSON, ERIC ARTHUR	51 Derrington Avenue, Crewe.
1911 Mar. 28.	ROBINSON, SIDNEY	{ Borough Engr.'s Office, Town Hall, Bedford.

Date of Admission.	STUDENTS.	
1908 Mar. 31.	ROBINSON, WILLIAM BARRY ..	{ Engineer's Office, Barry Railway, Glamorgan.
1912 Apr. 2.	ROE, RONALD HOWORTH ..	{ A. G. Enock & Co., Ltd., Broad Lane, Tottenham, N.
1913 Mar. 18.	ROLLINSON, ARNOLD DONSON ..	{ 27 Whalley Road, Padiham, Lancs.
1909 Mar. 23.	ROLLINSON, OSCAR	{ H. H. Oates, 39 George Street, Workson.
1912 Nov. 19.	ROPER, WALTER STANLEY ..	{ 102 Baxter Avenue, Southend-on-Sea.
1911 Nov. 14.	{ ROSE, EDWARD MORTIMER, } M.Sc. (Durham)	{ West Cottage, Lincoln.
1910 Nov. 29.	ROSE, GODFREY WILLIAM ..	{ British North Borneo State Ry., Jesselton, North Borneo.
1911 Dec. 5.	ROSE, KENNETH HENRY ..	{ 23 Berkley Square, Clifton, Bristol.
1909 Mar. 23.	ROSKILLY, WILLIAM WILLCOCK	{ 39 Well Close Terrace, Blackman Lane, Leeds.
1910 Mar. 22.	ROSS, GILBERT DALGLEISH ..	{ Engr.'s Office, Leith Harbour and Docks, Leith.
1909 Mar. 23.	ROUSE, HAROLD STUART ..	{ Public Works Dept., Hong Kong, China.
1912 Mar. 26.	ROUSSEAU, HERBERT MARSHALL	{ 13 London Street, Edinburgh.
1911 Nov. 14.	ROUTH, CLAUDE ISHAM ..	{ 61 London Road, Reading.
1913 Feb. 18.	ROWBOTHAM, JAMES	{ 4 Upper Bedford Place, W.C.
1913 Feb. 4.	ROWBOTHAM, NORMAN	{ 17 Alton Terrace, Fairfield, Manchester.
1908 Nov. 17.	{ ROWLAND, WILLIAM MARTIN, } M.Sc. (Manchester)	{ Llyn Dulyd, Ley Hey Park, Marple, Stockport.
1912 Nov. 19.	ROY, BIDHU BHUSAN	{ 10 & 11 Billiter Square Buildings, E.C.
1913 Mar. 18.	ROY, JAMES LEISHMAN ..	{ 52 Carrington Street, Glasgow.
1910 Mar. 22.	RUDDOCK, WILLIAM BUTLER ..	{ 7 Mayflower Rd., Clapham Rd., S.W.
1913 Nov. 25.	RUSSELL, HUGH KENNEDY ..	{ 56 Kestrel Avenue, Herne Hill, S.E.
1912 Dec. 17.	RUSSELL, JAMES DOUGLAS ..	{ Oaklands, Spital, Bromborough Cheshire.
1914 Mar. 24.	RUSSELL, JOHN WILLIAM ..	{ Richmond Street, West Bromwich.
1914 Mar. 24.	RYOTT, HAROLD ABBOT ..	{ 1 St. Mary's, York.
1914 Mar. 24.	SALMON, MAURICE WILLIAM ..	{ 15 Ashburnham Road, Greenwich, S.E.
1910 Mar. 1.	SALMOND, HUBERT GEORGE ..	{ Lower Ganges Bridge, Paksey, nr. Sarn, India.
1910 Nov. 29.	SAMPSON, JOHN HAROLD ..	{ 4 Oswald Gardens, Scotstounhill, Glasgow.
1914 Mar. 24.	SAMUEL, DAVID SYDNEY ..	{ Tanlan House, Llanelly, S. Wales.
1913 Feb. 18.	SANDERS, JOHN OWEN ..	{ Strixton, Wellingborough.
1914 Mar. 24.	{ SANDHU, NARAIN SINGH, } M.A. (Glasgow)	{ The University, Glasgow.
1913 Mar. 18.	SAUNDERS, THOMAS THORNTON	{ 4 Dorleote Road, Wandsworth Common, S.W.
1913 Mar. 18.	SAWDYE, EDWARD KENNETH ..	{ 4 Lower Summerlands, Exeter.
1909 Dec. 21.	SAWYER, LIONEL EDWARD ..	{ The Tower, Hayes Lane, Kenley, Surrey.
1910 Mar. 22.	{ SAYER, CYRIL EUSTACE, } B.Sc. (Engineering) (Lond.)	{ Porlock, The Firs, Bowdon, Cheshire.
1909 Nov. 9.	{ SCHWAB, MAX HENRY, } B.Sc. (Engineering) (Lond.)	{ 44 Dartmouth Road, Broudesbury, N.W.
1914 Mar. 24.	SCOTT, JAMES	{ District Engr.'s Office, N.E. Ry., North Shields, Newcastle-on-Tyne.
1914 Mar. 24.	SCOTT, WILLIAM LESLIE ..	{ Lenham House, Sutton, Surrey.
1910 Apr. 5.	SCHUYEN, GEORGE WILLIAM ..	{ Railway House, Maymyo, Burma.
1914 Mar. 24.	SCUDDER, LEONARD WILLIAM	{ Bude Cottage, Belvedere, Kent.

Date of Admission.	STUDENTS.	
1911 Nov. 14.	SEARCY, JOHN WILLIAM ..	{Hon. Alfred Searey, Parliament House, Adelaide, S. Australia.
1907 Nov. 26.	SEARLE, ALEC	{R. T. Relf & Son, H.M. Dockyard, Pembroke Dock.
1914 Apr. 21.	{SEDDON, WILLIAM D'ARCY, B.A. (<i>Cantab.</i>)}	9 Gordon Place, Kensington, W.
1909 Nov. 9.	SELICK, LESLIE AINSWORTH ..	{Bloomsbury House Club, Cartwright Gardens, W.C.
1909 Mar. 23.	{SELWYN, CHRISTOPHER WAKE- FIELD}	Undershaw, Hindhead.
1909 Dec. 21.	SENIOR, GEORGE	Apex House, Ossett, Yorks.
1912 Nov. 26.	SENIOR, LESLIE	28 Balmoral Road, Doncaster.
1913 Nov. 18.	SETHI, AMOLAK RAM	Cox and Co., 16 Charing Cross, S.W.
1913 Mar. 18.	SEYMOUR, BERNARD GILBERT	{143 Shrewsbury Street, Old Trafford, Manchester.
1914 Feb. 3.	SHAIRP, NORMAN, B.A. (<i>Oxon.</i>)	26 Blythswood Drive, Glasgow.
1913 Apr. 1.	SHANES, ALEXANDER, JUN. ..	{East Shawhead, Coatbridge, Lanarkshire.
1912 Feb. 20.	SHAW, CUTHBERT FRANK ..	The Gables, St. Leonards-on-Sea.
1909 Jan. 26.	{SHAW, ERNEST, M.Sc. Tech. (<i>Manchester</i>) ..}	33 Johnson Street, Cheetham, Manchester.
1912 Nov. 26.	SHAW, HAROLD ASHWORTH ..	50 Moorgate, Bury, Lancs.
1914 Mar. 24.	SHAW, PETER GRAY	{E. G. Watt, 8 Hopetoun Place, Glasgow.
1911 Nov. 28.	SHAW, ROYLE HERBERT	{Beestonhurst, Valentine's Road, Ilford.
1911 Mar. 28.	SHAW, STANLEY	{66 Stratford Street, Dewsbury Road, Leeds.
1913 Nov. 18.	{SHENNAN, JOHN ROGNVALD, B.Sc. (<i>Edin.</i>)}	Easton Gibb and Son, Ltd., H.M. Dockyard, Rosyth, Inverkeithing.
1907 Nov. 26.	SHORTO, MARTIN HUBERT ..	{P.W.D., Municipal Council, Shanghai, China.
1913 Nov. 18.	SILCOCK, EDWARD HEWSON ..	10 Park Row, Leeds.
1913 Apr. 15.	SILLAR, KENNETH GRAHAM ..	{11 Springfield Road, Altrincham, Cheshire.
1913 Nov. 18.	{SIMEON, LEONARD STEPHEN BARRINGTON, B.A. (<i>Cantab.</i>)}	62 Ennismore Gardens, S.W.
1911 Feb. 28.	{SIMPKINSON, FRANCIS VAUGHAN, B.A. (<i>Cantab.</i>)}	Divl. Engr.'s Office, G. W. Ry., Wolverhampton.
1913 Nov. 25.	SIMPSON, ALWYN ECKETTE ..	{33 Castle Gate, Newark-on-Trent, Notts.
1910 Nov. 29.	SIMPSON, THOMAS COOPER ..	Brackenholme, Harrogate.
1909 Dec. 21.	{SIMS, ARTHUR MITFORD, B.Sc. (<i>Engineering</i>) (<i>Lond.</i>)}	King, Hamilton & Co., Calcutta.
1914 Feb. 3.	SINCLAIR, ROBERT TOFIELD ..	51A Westridge Road, Southampton.
1913 Apr. 29.	SINGH, JAWAND, B.Sc. (<i>Glas.</i>)	Mitha-Tiwana, Punjab, India.
1913 Nov. 25.	SINGH, NARENDRA	20 Caird Drive, Glasgow.
1914 Mar. 24.	SINGH, PREM	{16 Killermont Street, Engr.'s Office, Glasgow.
1913 Mar. 18.	SKEGGS, ROBERT OLIVER ..	{21 Knaresboro' Road, Millhouses, Sheffield.
1912 Mar. 26.	SLOAN, DOUGLAS TENNANT ..	Ivy House, Preston, Lancs.
1911 Mar. 28.	SMALLBONE, EWART FREDERICK	{Helmsleigh, Blake Hall Crescent, Wanstcad, N.E.
1911 Mar. 28.	SMILES, PERCY	{117 Greengate Street, Barrow-in-Furness.
1912 Mar. 26.	SMITH, ALEC CLIFTON	{Mrs. Robertson, 3 Lynnewood Place, Maryfield, Dundee.
1910 Dec. 20.	{SMITH, ALFRED TRAVERS FAIRTLUGH, B.Sc. (<i>Engineering</i>) (<i>Lond.</i>)}	The Old Rectory, Enfield, Middlesex.
1911 Nov. 28.	{SMITH, BERNARD WESTCOTT TURNER}	32 The Mall, Swindon.

Date of Admission.	STUDENTS.	
1910 Nov. 8.	SMITH, CHARLES ZACHARY ..	The Old Rectory, Enfield.
1911 Mar. 28.	SMITH, DUNCAN GALLOWAY ..	{ Contractor's Office, H.M. Dockyard, Rosyth, N.B.
1907 Nov. 19.	SMITH, ERIC ROSKILLY	{ B. & N. W. Ry., Turkanlia, Tamkoli P.O., Dist. Gorakhpur, U.P., India.
1910 Nov. 29.	{ SMITH, STANLEY LIVINGSTON, } B.Sc. (Engineering) (Lond.)	48 Hermon Hill, Snaresbrook, Essex.
1909 Mar. 23.	SMITH, SYDNEY ARCHBOLD ..	Holly Bank, Headingley, Leeds.
1910 Dec. 6.	{ SMITHELLS, THOMAS ARCHIBALD, } B.Sc. (Manchester)	59 Victoria Road, Headingley, Leeds.
1913 Mar. 18.	SMYTH, GRICE WIDENHAM ..	Lennoxlea, Dumbarton.
1913 Mar. 18.	SNOWDEN, STANLEY JACKSON ..	The Chantry, Stanmore, Middlesex.
1911 Apr. 25.	SOHL, SULAKHAN SINGH ..	The University, Glasgow.
1914 Mar. 24.	SOMERVAIL, ALEXANDER DUNCAN ..	28 Hamilton Park Terrace, Glasgow.
1912 Nov. 19.	SOUPER, JAMES LORIMER ..	21 Beechgrove Terrace, Aberdeen.
1914 Jan. 20.	SOUZA, STEPHEN OSWALD DE ..	56 Selwyn Avenue, Richmond, Surrey.
1911 Mar. 28.	SOWDEN, ALAN	Fern Hill, Moorhead, Shipley.
1908 Nov. 17.	SPICER, WALTER HAROLD ..	1 Lisimore Road, Heeley, Sheffield.
1911 Apr. 25.	{ SPIELMANN, CLAUDE MEYER, } B.A. (Camb.)	38 Gloucester Square, W.
1913 Apr. 15.	SPIJKER, OWEN ROSS	{ Bethal-Volksrust Ry., Amersfoort, Transvaal.
1908 Nov. 17.	SPILLER, PERCY FRANCIS ..	22 Queen Street, Exeter.
1913 Feb. 4.	SPLITTER, BEENAARD	26 Highbury Quadrant, N.
1910 Nov. 29.	STADDON, JOHN WILFRED ..	Council Offices, Watford.
1909 Dec. 21.	STAINBANK, EDWARD LLOYD ..	16 Elm Road, Beckenham, Kent.
1911 Mar. 28.	STAMMERS, RONALD	{ 32 Nelson Street, Brightlingsea, Essex.
1912 Nov. 19.	{ STANIER, DONALD DUNN, } B.Sc. (Engineering) (Lond.)	{ J. Watt Sandeman & Son, 1 St. Nicholas Buildings, Newcastle-on-Tyne.
1909 Mar. 23.	STANLEY, LEONARD CHARLES ..	13 Cathcart Street, Rutherglen, Glasgow.
1914 Feb. 3.	STANSFIELD, RICHARD	{ 27 Mather Street, Westmorland Road, Newcastle-on-Tyne.
1910 Mar. 22.	STANTON, SIDNEY GEORGE ..	105 Dudley Road, Tipton, Staffs.
1913 Mar. 18.	{ STAPLETON-BRETHERTON, VIN- } CENT FRANCIS	{ 34 Spencer Hill, Wimbledon, S.W.
1912 Nov. 26.	STEDHAM, GILBERT COLERIDGE ..	Livermead Cliff, Torquay.
1913 Mar. 18.	STEELE, ALFRED HARNER ..	{ Easton Gibb & Son, Ltd., H.M. Dockyard, Rosyth, Fife.
1911 Nov. 14.	STEIN, JOHN ALAN	King, Hamilton & Co., Calcutta.
1913 Mar. 18.	STEPHENS, HAROLD NAINBY ..	7 Rayleigh Road, Basingstoke.
1912 Mar. 19.	STEPHENS, JOHN HERBERT ..	99 Grove Lane, Denmark Hill, S.E.
1911 Nov. 14.	{ STEEN, THEODORE HENRY, } B.Sc. (Birmingham)	{ Midland Ry., Engr.'s Office, Western Division, Derby.
1914 Mar. 24.	STEVENS, DONALD ARTHUR ..	114 Huron Road, Balham, S.W.
1911 Mar. 28.	STEVENS, GEOFFREY ALDEN ..	{ Portland House, Thorpe Hamlet, Norwich.
1912 Jan. 30.	{ STEVENSON, DAVID ALAN, } B.Sc. (Edin.)	28 Douglas Crescent, Edinburgh.
1913 Feb. 18.	{ STILLWELL, SAMUEL THOMAS } CRYER, B.Sc. (Leeds)	75 Tubbs Road, Willesden Junction, N.W.
1910 Jan. 18.	{ STOCK, REGINALD VAUGHAN } WOOD, B.Sc. (Engineering) (Lond.)	{ c.o. Mrs. Stock, 38 Queen's Road, Bayswater, W.
1909 Nov. 23.	STOKES, CEDRIC HOLTON ..	{ Mather & Platt, Ltd., Park Works, Manchester.
1914 Mar. 24.	STOREY, WILFRED ROBINSON ..	{ Dock Engr.'s Dept., Dock Office, Hull.

Date of Admission.	STUDENTS.	
1910 Mar. 22.	{ STORRY, FREDERICK WILLIAM } SCOTT, B. Eng. (<i>Sheffield</i>) ..	47 Thorne Road, Doncaster.
1908 Mar. 31.	STOTT, HERBERT WHARTON ..	Bay Hall, Huddersfield.
1912 Mar. 26.	STRACHAN, JAMES	Sencliffe, Inverkeithing, Fife.
1911 Nov. 14.	STRADLING, REGINALD EDWARD	6 North Street, Bedminster, Bristol.
1913 Apr. 15.	STROUD, HENRY CLIFFORD ..	{ Cresta, Heaton Road N., Newcastle-on-Tyne.
1910 Mar. 22.	STUART, CHARLES NORMAN ..	{ 8 Bentinck Crescent, Newcastle-on-Tyne.
1914 Feb. 17.	STUART, COLIN SCOTT	50 Dunvegan Road, Well Hall, Kent.
1910 Dec. 20.	{ STUBBINGS, ERIC OWEN, } B.Sc. (Engineering) (<i>Lond.</i>)	Rothbury, Throwley Road, Sutton, Surrey.
1908 Feb. 25.	STURGESS, ARCHIBALD RICHARD	Moncloa, Gerrard's Cross, Bucks.
1910 Mar. 22.	SUMMERSCALE, RONALD	{ Boro' Surveyor's Office, Council House, Sutton Coldfield.
1909 Jan. 26.	{ SUTCLIFFE, JOSEPH, } B.Sc. Tech. (<i>Manchester</i>) ..	3 Slade Grove, Longsight, Manchester.
1909 Dec. 21.	SUTHERLAND, GEORGE KING ..	{ Llwyn-on Reservoir, Cwm Taf, near Merthyr Tydfil.
1908 Mar. 17.	SWAIN, LEO HARRY	{ Chalk Hill Farm, Kingsdown-on-Sea, Deal.
1912 Mar. 26.	SWALES, ALFRED	103 Windsor Road, Oldham.
1913 Mar. 18.	SWINBURNE, GEORGE HUGH ..	{ Tyneholme, Linden Avenue, Stockton-on-Tees.
1912 Jan. 16.	{ SWINDLEHURST, JOSEPH ERIC, } B.A. (<i>Cantab.</i>)	St. Mary's Hall, Coventry.
1912 Mar. 26.	SYMONDS, JOHN CHARTERS ..	58 Portland Place, W.
1912 Mar. 26.	SYMS, GEORGE ERNEST	{ Mrs. Applebey, 13 Great George Street, Hillhead, Glasgow.
1912 Nov. 26.	TABRAHAM, ALAN FELTON ..	151 Ruskin Road, Crewe.
1909 Nov. 9.	TANN, JOHN LAURANCE	61 Erpingham Road, Putney, S.W.
1909 Mar. 23.	{ TART, CYRIL JAMES, } B.Sc. (<i>Birmingham</i>)	H.M. Dockyard, Rosyth, N.B.
1910 Feb. 22.	TATE, HERBERT LLOYD	{ 322 Cheetham Hill Road, Manchester.
1908 Nov. 17.	{ TAYLOR, HARRY, } B.Sc. (<i>Birmingham</i>)	Engr.'s Office, Midland Ry., Derby.
1912 Nov. 19.	{ TAYLOR, PERCEVAL ABEL, } B.A. (<i>Cape</i>)	29 Newton Road, Beaconsfield, S. Africa.
1910 Feb. 22.	{ TAYLOR, STANLEY EDWARD } WESTON, M.Sc. Tech. (<i>Manchester</i>)	Engineering Dept., Commonwealth Edison Co., Chicago, U.S.A.
1909 Nov. 16.	{ TAYLOR, WILLIAM KENNETH } WENTWORTH	18 Woodstock Avenue, Redland, Bristol.
1914 Apr. 7.	TERREY, GEORGE EWART	St. John's, The Avenue, Southampton.
1913 Nov. 25.	THISTLEWOOD, PERCIVAL	10 Parade, Leamington Spa.
1912 Mar. 26.	THOMAS, BENJAMIN DOUGLAS	{ Curtiss Aeroplane Co., Hammondsport, New York.
1912 Nov. 19.	THOMAS, WILLIAM HENRY	2 Ancona Road, Plumstead, Kent.
1909 Dec. 21.	{ THOMPSON, FRANCIS LONG- } STRETH, B.Sc. (Engineering) (<i>Lond.</i>)	The Cottage, Bobbing, Sittingbourne.
1912 Nov. 19.	THOMPSON, HENRY EDGAR	High Street, Heckington, Lincs.
1908 Nov. 17.	{ THOMPSON, JOHN BELL LANG- } HORN	Fern Bank, Great Corby, Carlisle.
1912 Mar. 26.	THOMPSON, JOHN TAYLOR	{ N.E. Ry., Engr.'s Office, Forth Banks, Newcastle-on-Tyne.
1909 Mar. 23.	{ THOMPSON, ROBERT FRANCIS } STAFFORD	Acrelands, Skerton, Lancaster.

Date of Admission.	STUDENTS.	
1913 Mar. 18.	THOMSON, GEORGE IRVING ..	216 Woodlands Road, Glasgow.
1913 Jan. 28.	{ THOMSON, HENRY WILLIAM HAMILTON }	6 Holborn Terrace, Kelvinside, N., Glasgow.
1913 Nov. 25.	{ THOMSON, RONALD ORD CAMPBELL }	East Grove, Holt, Norfolk.
1913 Mar. 18.	THORRY, PERCY GEORGE ..	{ Derry Bawn, Crowstone Road, West-cliff-on-Sea.
1910 Feb. 22.	{ THORNE, ARTHUR TEMPLE, B.Sc. (Durham) }	Neptune Works, Walker, Newcastle-on-Tyne.
1910 Nov. 8.	{ THORNHILL, GEOFFREY HOL- LAND }	Cranford, Northwood, Middlesex.
1913 Nov. 18.	THORNTON, FRANK	21 Temple Road, Sale, Manchester.
1909 Nov. 9.	THORPE, HENRY CREATON ..	Ivydene, Suffolk Road, Bournemouth.
1912 Nov. 19.	THORPE, JAMES ROBIN COLE	4 Queen Victoria Street, E.C.
1910 Nov. 8.	{ THRELFALL, RICHARD, B.Eng. (Liverpool) }	41 Manor Road, Rugby.
1908 Nov. 24.	TIGAR, LEONARD	{ Exec. Engr.'s Office, P.W.D., Kuan- tan, Pahang, F.M.S.
1914 Mar. 24.	TINDAL, JOHN JOHNSTON ..	6 Polmuir Road, Aberdeen.
1913 Nov. 18.	{ TINDALL, OSWALD, B.A. (Cantab.) }	Arnside, Mead Road, Chislehurst.
1910 Feb. 1.	TIPPETT, ARTHUR FREDERICK	{ Easton Gibb & Son, H.M. Dockyard, Rosyth, N.B.
1909 Mar. 30.	TODD, CHARLES BERNARD ..	346 Beverley Road, Hull.
1911 Mar. 28.	TOLPITT, HARRY ST. GEORGE	Municipal Offices, Devonport.
1910 Feb. 22.	{ TOMBLINGS, ERIC HINTON GRIFFITH }	Engr.'s Office, Midland Ry., Derby.
1912 Mar. 5.	{ TONKIN, DOUGLAS CECIL WILLIAM, B.Sc. (Engineer- ing) (Lond.) }	Bengal-Nagpur Ry., Garden Reach, Calcutta.
1906 Dec. 18.	TOOGOOD, ROY THORNTON ..	{ Main Drainage Dept., P.W. Ministry, Cairo, Egypt.
1909 Mar. 23.	TOPPING, JOHN NEWALL ..	{ Calle Tucuman 1331, Rosario de Santa Fé, Argentina.
1912 Mar. 26.	TORRENS, REGINALD GEOFFREY	East India Railway House, Calcutta.
1914 Mar. 24.	{ TOWER, GEOFFREY EGERTON, B.A. (Cantab.) }	Ellesmere House, Ellesmere, Shropshire.
1912 Nov. 19.	{ TOWNSEND, NOEL EDWARD GRIMANI }	38 Ripon Gardens, Newcastle-on-Tyne.
1910 Apr. 5.	TRAILL, CHARLES HAROLD ..	{ Main Drainage Dept., Ministry of Public Works, Cairo, Egypt.
1909 Dec. 21.	{ TRAIN, JOHN CUMBERLAND LANDALE }	41 Whiteley Road, Upper Norwood, S.E.
1911 Nov. 28.	TRELAUNY, JOHN MAITLAND	Owlcotes, Heath, Chesterfield.
1909 Nov. 9.	TREWHELER, NICHOLAS ..	{ Cobalt Frontenac Mining Co., Elk Lake, Ontario, Canada.
1908 Nov. 17.	TRITTON, JULIAN SEYMOUR ..	Beaconsfield, Surbiton Hill, Surrey.
1913 Apr. 1.	{ TRODD, CLAUDE AUGUSTUS BERNARD }	Colwyn, Westheath Road, Abbey Wood, Kent.
1912 Nov. 19.	{ TRUELOVE, ALFRED CYRIL, B.Eng. (Sheffield) }	c.o. J. J. Webster, 39 Victoria Street, S.W.
1911 Nov. 14.	{ TUDSBERY, MARMADUKE TUDS- BERY }	Yarrow & Co., Scotstoun, Glasgow.
1913 Mar. 18.	TULLOCH, ROBERT	{ Fairmount, Guthrie Street, Car- noustie.
1913 Nov. 18.	{ TUNALEY, HAROLD VINCENT, B.Sc. (Engineering) (Lond.) }	30 Burford Road, Nottingham.
1913 Jan. 28.	TUNBRIDGE, NORMAN LESLIE	Wyfordby Rectory, Melton Mowbray.
1912 Dec. 17.	{ TUPPEN, HAROLD RICHARD, B.Sc. (Engineering) (Lond.) }	Leiston, Suffolk.
1909 Nov. 23.	TURNBULL, WILLIAM JACKSON	{ Frank Winter, Pilgrim Street Newcastle-on-Tyne.

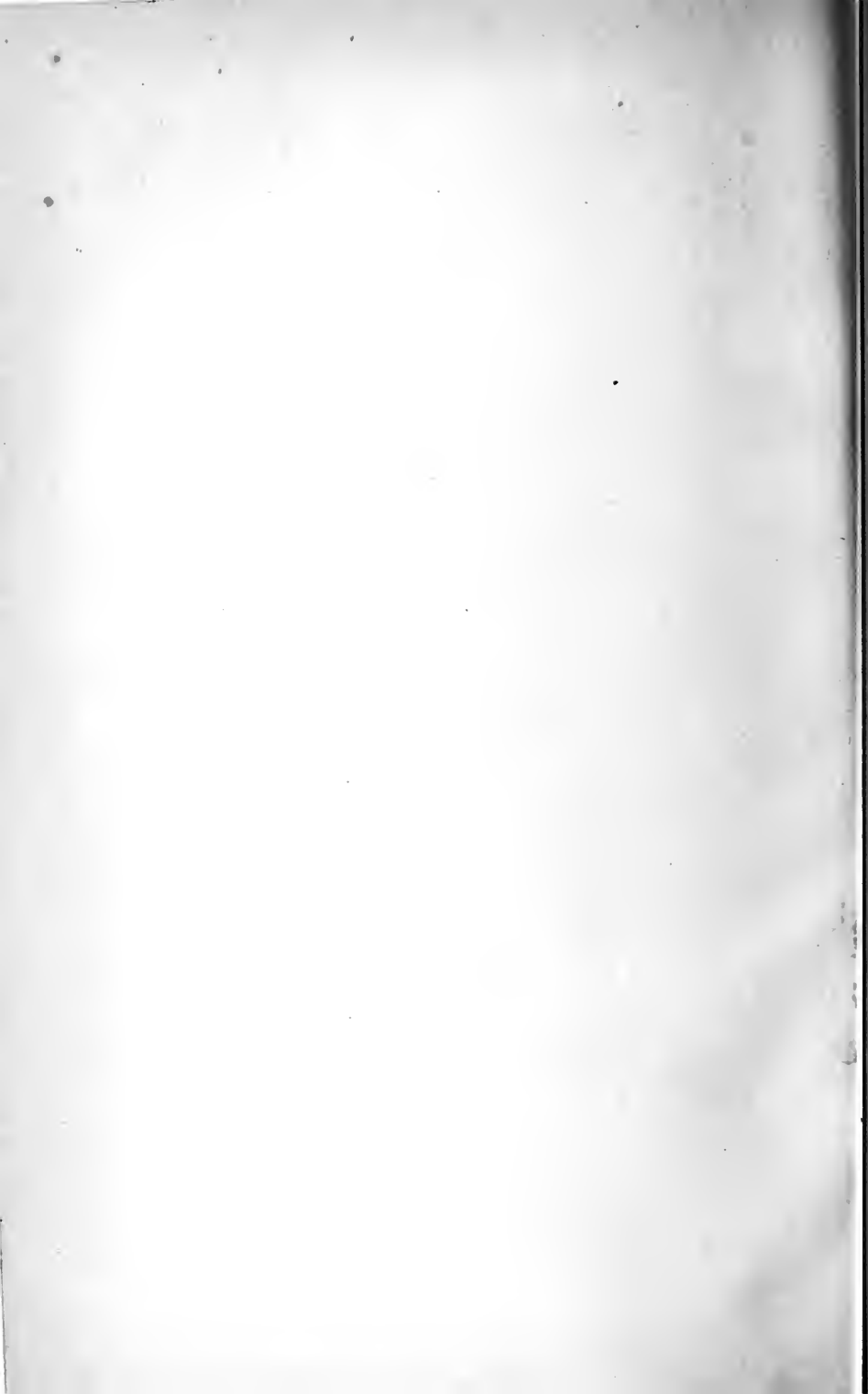
Date of Admission.	STUDENTS.	
1913 Mar. 18.	{TURNER, WILLIAM GORDON ALEXANDER}	Marconi's Wireless Station, Cemaent, Llanrug, Carnarvon.
1913 Mar. 18.	TURPIN, HAROLD JOHN	{148 Bexley Road, Northumberland Heath, Belvedere, Kent.
1910 Nov. 29.	TURRILL, JOHN	{County Surveyor's Office, Shire Hall, Nottingham.
1908 Mar. 31.	TYLER, OLIVER WALTER ..	The Laurels, Wormley, Herts.
1913 Nov. 25.	UNDERWOOD, FRANCIS	Lutchmi, Alexandra Road, Watford.
1909 Jan. 19.	{UNWIN, CECIL BUCKLEY, B.Sc. (Engineering) (Lond.)}	1 Newton Grove, Bedford Park, W.
1913 Mar. 18.	VACHELL, JOHN LYNE	St. Gwllliw, Newport, Mon.
1914 Mar. 24.	{VANCE, CHARLES RICHARD GRIFFIN}	19 Lawton Street, Crewe.
1912 Nov. 19.	VARLEY, GILBERT, M.Sc. (Leeds)	{Thorn Bank, Hall Bower, Huddersfield.
1908 Nov. 17.	{VAUDREY, RANDLE HENRY NEVILLE, B.Sc. (Birmingham)}	71 Westfield Road, Edgbaston, Birmingham.
1911 Apr. 11.	VEAL, THOMAS HENRY PERCY	Stone Vicarage, Falfield, Glos.
1913 Nov. 25.	VIGERS, LANCELOT LESLIE ..	{Seymour Lodge, Sydenham Hill Road, Sydenham, S.E.
1906 Dec. 18.	{VILLA, EDWARD GEORGE MANSO DI}	
1908 Dec. 22.	VILLARES, ARNOLD DUMONT ..	{26 Rua da Boa Vista, Sao Paulo, Brazil.
1914 Mar. 31.	VOKES, CECIL GORDON	Birch Lawn, Sholing, Southampton.
1909 Mar. 23.	{VYALL, LIONEL EGERTON, B.Sc. (Engineering) (Lond.)}	87 Union Avenue, Montreal, Canada.
1914 Mar. 24.	WADE, JAMES CLIFFORD ..	14 Clarendon Place, Leeds.
1913 Dec. 9.	WADE, WILFRID HANDS ..	21 Fair Oak Road, Roath, Cardiff.
1914 Mar. 24.	WAINWRIGHT, ERIC JOSEPH ..	{26 Manchester Road, Heaton Chapel, Stockport.
1912 Nov. 26.	WAISTELL, ALAN MURRAY ..	{Landholm, Totland Bay, Isle of Wight.
1908 Mar. 31.	WAKEFIELD, PERCY HAROLD ..	{City Engr.'s Office, Guildhall, Worcester.
1913 Apr. 29.	{WALKER, ALBERT NORMAN, B.Sc. (Manchester)}	Deyne Bank, Prestwich, Manchester.
1913 Nov. 18.	WALKER, ALFRED ENGLISH ..	Contractors' Office, Goodwick, Pemb.
1911 Nov. 28.	WALKER, FRANCIS JOHN ..	{57 Gilmour Street, Thornaby-ou-Tees.
1910 Mar. 22.	WALKER, HUBERT EDMUND ..	{82 Bournbrook Road, Selly Park, Birmingham.
1914 Mar. 24.	WALKER, JOHN HAWKES ..	50 Bedonwell Road, Belvedere, Kent.
1914 Mar. 24.	WALKER, RONALD WILLIAM ..	251 Renfrew Street, Glasgow.
1913 Jan. 28.	WALKER, STANLEY	23 Chesnut Grove, Birkenhead.
1911 Nov. 28.	WALKER, THOMAS ANDREW ..	{Falkland Park, South Norwood Hill, S.E.
1912 Nov. 19.	{WALKER, WILLIAM FRANK, B.Sc. (Manchester)}	7 Healey Terrace, Fairfield, Man- chester.
1914 Mar. 31.	{WALLACE, GEORGE AINSLIE, WALTON}	Fairport, Elderslie.

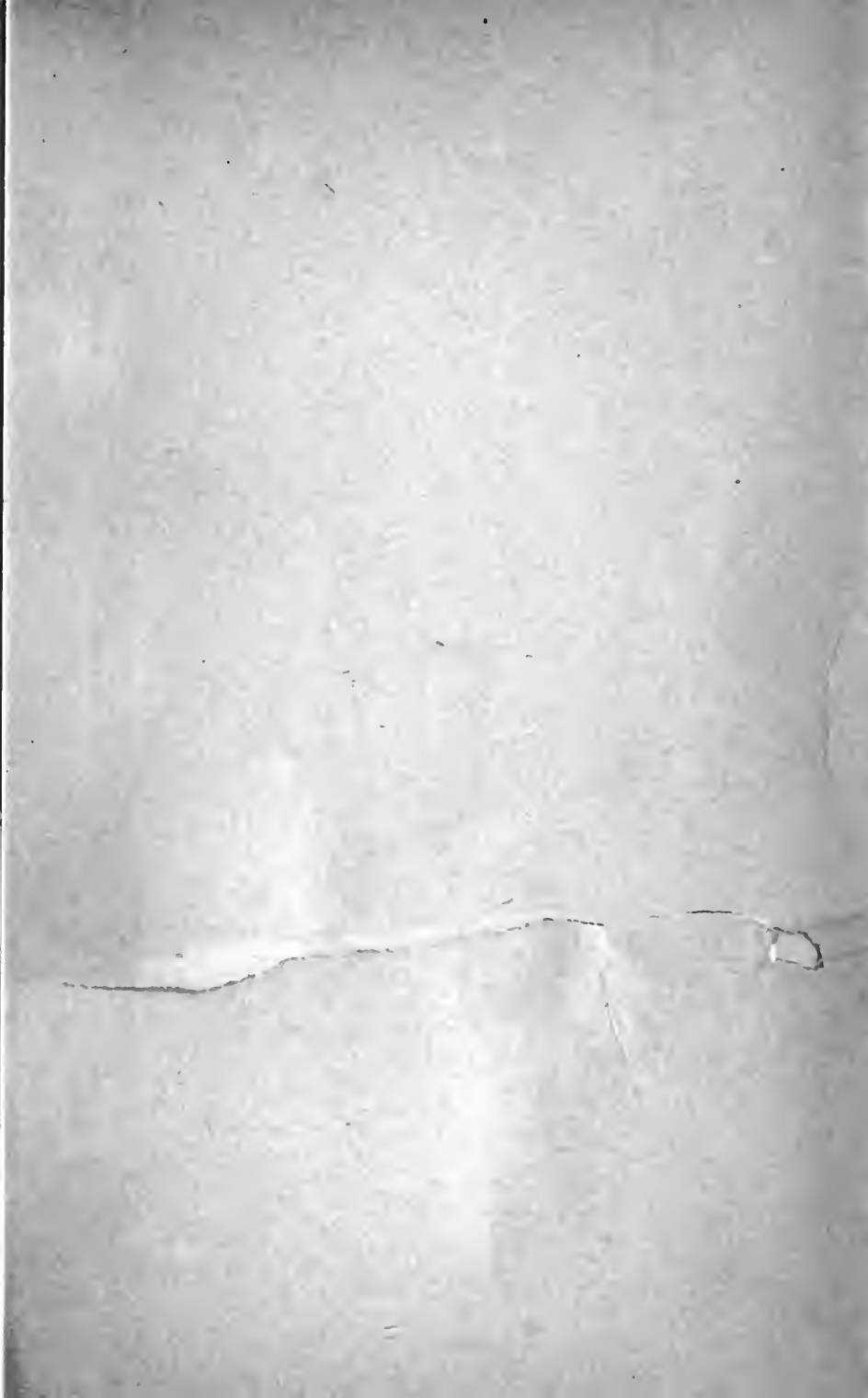
Date of Admission.	STUDENTS.	
1909 Mar. 23.	WALLACE, JOHN ERNEST DUDLEY	Millbank, Hardgate, Aberdeen.
1908 Dec. 22.	WALLER, LAWRENCE ARTHUR	{ Switchgear & Cowans, Ltd., Springfield Lane, Salford, Manchester.
1910 Mar. 22.	WALLWORK, DOUGLAS	Drywood, Worsley, Manchester.
1910 Nov. 8.	WALMESLEY, CYRIL	{ Cliff Dene, Arundel Avenue, Bispham, Blackpool.
1911 Mar. 28.	WALTER, JOHN	{ 68 Northbrook Street, Newbury, Berks.
1914 Feb. 17.	WALTER, JOHN AMHURST ..	25 Heavitree Road, Plumstead, S.E.
1909 Dec. 21.	WALTERS, LINDSAY GEOFFREY	{ Burnside, Woodside Grove, N. Finchley, N.
1908 Nov. 24.	{ WALTERS, RUPERT CAVENDISH } SKYRING	Limen, Milton Park, Gerrard's Cross, Bucks.
1914 Mar. 24.	WALTON, ROBERT	8 Roker Terrace, Sunderland.
1914 Mar. 24.	WARD, ARMAND DOUGLAS ..	31 Conduit Road, Sheffield.
1910 Mar. 22.	WARD, JOHN GUTTERIDGE ..	16 High Street, Coalville, Leicester.
1909 Mar. 23.	WARNER, EDWARD PASHLEY ..	6 Rue del'Union, Brussels, Belgium.
1908 Feb. 25.	{ WARREN, STANLEY CECIL } HAYTER	Kenley, Tennyson Road, Mill Hill, N.W.
1909 Dec. 21.	WATERHOUSE, JOHN ORME ..	Watford Field House, Watford.
1913 Jan. 28.	{ WATKINSON, ARTHUR STANLEY } B.Eng. (Liverpool)	63 Hope Street, Liverpool.
1911 Dec. 19.	WATSON, GRAHAM LAUDER ..	{ Regent Villa, Headingley Hill, Leeds.
1910 Mar. 22.	WATSON, JOHN PATCHELL ..	Helmsley, Bexhill-on-Sea.
1914 Mar. 24.	WATSON, JOSEPH	{ 22 Maude Avenue, Beeston Hill, Leeds.
1913 Nov. 25.	WATSON, THOMAS HART ..	{ 92 Kirkealdy Road, Pollokshields, Glasgow.
1912 Nov. 26.	WATSON, WILLIAM JOHN ..	11 Faraday Road, Acton, W.
1913 Nov. 25.	WATTS, FRANK WALTER ..	{ T.J. Moss-Flower, Carlton Chambers, Baldwin Street, Bristol.
1912 Dec. 17.	WEBB, HERBERT MARSTON ..	101 Comer Road, Worcester.
1912 Jan. 16.	WEBSDALE, GEOFFREY JOHN ..	{ Hillcrest, Hale End Road, Higham's Park, N.
1912 Nov. 26.	WEBSTER, FRANCIS JOHN ..	H. Pickering, Garforth, Leeds.
1913 Mar. 18.	WEBSTER, HENRY SHEPHERD ..	115 Bath Street, Rugby.
1914 Mar. 24.	WEEKS, MATTHEW	{ Cora House, Thorne Road, Doncaster.
1909 Mar. 23.	WEIR, JAMES ALLAN	Thorneysnit, Motherwell.
1914 Mar. 24.	WELCH, STEPHEN COCKS ..	{ 206 Daruley Street, Pollokshields, Glasgow.
1912 Jan. 16.	WELLINGTON, ALECK MARTIN	Sir George Whitehouse, K.C.B., Sao Paulo Ry., Alto da Serra, Sao Paulo, Brazil.
1912 Nov. 26.	WEST, JAMES HENRY	38 Plastrun Gardens, Cardiff.
1912 Mar. 26.	{ WESTGATE, THOMAS ROBERT } MILLINGTON	62 Wharton Street, South Shields.
1913 Nov. 25.	WEYMAN, HENRY MORTON ..	{ Dunoon, Rochdale Road, Blackley, Manchester.
1913 Jan. 28.	WHARTON, HERBERT	{ High House, Great Fransham, Norfolk.
1909 Dec. 21.	WHELAN, ERNEST CARNEGIE ..	Grindlay & Co., Calcutta, India.
1911 Dec. 19.	WHITE, ARCHIBALD MUIR ..	55 Kilmarneock Road, Glasgow.
1914 Feb. 3.	{ WHITE, FRANCIS } B.Sc. (Engineering) (Lond.)	20 Crooms Hill, Greenwich, S.E.
1910 Nov. 29.	WHITE, HARRY CHARLES ..	{ 6 Vista Alegre, Minas do Rio Tinto, Huolva, Spain.
1913 Mar. 18.	WHITE, WILFRID	{ 22 Minster Road, West Hampstead, N.W.
1911 Mar. 28.	{ WHITELOCK, GEORGE CLARENCE } HAROLD	27 Inglewood Terrace, Hyde Park, Leeds.

Date of Admission.	STUDENTS.	
1912 Nov. 26.	{ WHITMORE, REGINALD LAWRENCE }	28 Carlyle Square, S.W.
1909 Nov. 23.	{ WHITTEN, FRANCIS ROBERT, B.Sc. (Engineering) (Lond.) }	Revenue Survey Office, Kuala Lipis, Pahang, F.M.S.
1909 Mar. 23.	WHYTE, DAVID HORNBY ..	{ Welland Ship Canal Office, St. Catharines, Ontario, Canada.
1910 Mar. 22.	WHYTE, HARRY HOOD ..	{ Fraser & Chalmers, Ltd., Bulawayo, Rhodesia.
1911 Nov. 28.	WIDDOWS, ARTHUR HENRY ..	Farrington House, Leigh, Lancs.
1914 Mar. 24.	WILDY, ERIC LAWRENCE ..	Shord Hill, Kenley, Surrey.
1909 Dec. 21.	WILKINSON, FREDERICK SAMUEL	{ Rantau Pandjang, Langkat, Sumatra.
1913 Dec. 23.	{ WILKINSON, HAROLD GLEADOW, B.Sc. (Engineering) (Lond.) }	St. Ringans, The Ridgeway, Golders Green, N.
1911 Jan. 31.	{ WILKINSON, JAMES RENDELL, B.Sc. (Engineering) (Lond.) }	Beech Mount, Harrogate.
1910 Feb. 22.	WILLIAMS, ARTHUR PERCY ..	The Kyles, York Road, Sutton.
1913 Apr. 15.	{ WILLIAMS, EDWARD REGINALD COEKER }	11 Lonsdale Road, Wolverhampton.
1911 Feb. 7.	{ WILLIAMS, EVAN OWEN, B.Sc. (Engineering) (Lond.) }	77 Amhurst Park, N.
1913 Mar. 18.	WILLIAMS, HEDLEY JOHN ..	15 Clova Road, Forest Gate, E.
1912 Nov. 26.	WILLIAMS, PERCY	City Surveyor's Office, Salisbury.
1912 Nov. 26.	WILLIAMS, WILLIAM CYRIL ..	{ 116 Berea Road, Judith Paarl, Johannesburg, Transvaal.
1912 Nov. 19.	WILLIAMSON, ROBERT CHARLES	{ Hillcrest, Welbeck Avenue, Southampton.
1910 Nov. 29.	{ WILLMORE, JOHN RICHARDS DUNCAN }	Camber, Avenue Road, Bexleyheath, Kent.
1912 Nov. 19.	WILLOX, WILLIAM ARTHUR ..	{ Arundel, Rectory Road, Rickmansworth, Herts.
1911 Nov. 14.	{ WILLSON, FREDERICK JAMES, B.A. (Cantab.) }	Grindlay & Co., Bombay.
1910 Mar. 22.	WILSON, ALLAN	115 Hill's Road, Cambridge.
1910 Mar. 22.	WILSON, CHARLES ARTHUR ..	{ 15 Birchwood Avenue, Muswell Hill, N.
1912 Apr. 2.	WILSON, COLIN BUCHANAN ..	{ Wilson & Cowie, 14 Water Street, Liverpool.
1909 Dec. 21.	WILSON, ERNEST LISTER ..	8 Vanbrugh Fields, Blackheath, S.E.
1913 Mar. 18.	WILSON, FREDERICK	4 Summerhill, Sunderland.
1909 Mar. 23.	WILSON, JOSEPH	4 Garfield Road, Scarborough.
1913 Mar. 18.	WILSON, SYDNEY HAROLD ..	1 De Luci Road, Erith, Kent.
1909 Dec. 21.	{ WILSON, THOMAS WARRINGTON, B.Sc. (Edin.) }	3 Durham Rd., Portobello, Edinburgh.
1914 Mar. 24.	WILSON, WILLIAM DAVIE ..	39 Argyll Place, Aberdeen.
1913 Nov. 25.	WILTSHIRE, ERIC	{ 70 Josephine Avenue, Brixton Hill, S.W.
1912 Nov. 19.	{ WINCKLER, LANCELOT ARTHUR HORACE }	No. 3 Sub-Division, Mysore-Arsikere, Railway Construction, Arsikere, Mysore State, India.
1913 Mar. 18.	WINTER, FRED ASHTON	Town Hall, Hampstead, N.W.
1912 Nov. 19.	{ WOOLLASTON, HUBERT CHARLES, B.A. (Cantab.) }	Shenton Hall, Nuneaton.
1909 Nov. 30.	WOMERSLEY, THOMAS ALLEN	G.I.P. Ry., Mahoba, U.P., India.
1911 Nov. 14.	{ WOMERSLEY, WILLIAM DOBSON, B.Sc. (Engineering) (Lond.) }	2 Cresswell Terrace, Lightcliffe, Halifax.
1914 Mar. 24.	{ WOOD, CHARLES EUSTACE OWEN }	Fletton House, Westfield, Retford, Notts.
1913 Mar. 18.	WOOD, CYRIL RAYMOND JAMES	{ 17 Glenthorn Road, West Jesmond, Newcastle-on-Tyne.
1910 Nov. 8.	{ WOOD, EDWIN ARTHUR PRES-COTT }	John Taylor & Sons, Caxton House, Westminster, S.W.

Date of Admission.	STUDENTS.	
1911 Nov. 28.	WOOD, MAURICE MARSDEN ..	5 Chichester Road, Seaford, Sussex.
1914 Jan. 20.	WOODCOCK, FRANCIS STANLEY	Low Moor Ironworks, Bradford.
1913 Mar. 18.	WOOLLEY, LEONARD BROOKE ..	Coppenhall Heyes, Crewe.
1914 Mar. 31.	WORLDLEDGE, LEOFRIC HARRY	3 Ferrers Road, Oswestry.
1909 Mar. 23.	WORMELL, RICHARD	{ Borough Surveyor's Office, Bury, Lancs.
1913 Nov. 25.	WORRALL, PERCY RAYMOND ..	23 Stalbridge Road, Crewe.
1910 Mar. 22.	WORTLEY, ROBERT KENDAL ..	{ Borough Engr.'s Office, Southend- on-Sea.
1913 Apr. 15.	{ WRAGG, NORMAN JOHN, .. B.A. (<i>Canab.</i>)	{ John Taylor & Sons, Caxton House, Westminster, S.W.
1908 Dec. 1.	WRAGG, THOMAS WILLIAM ..	Loxley, Sheffield.
1911 Mar. 28.	WRIGHT, VICTOR WILLIAM ..	{ M. Helfferich Sadet, Charkow, Russia.
1909 Nov. 16.	{ WYNN, ALBERT EDWARD, .. B.Sc. (<i>Birmingham</i>)	{ 869 Dovercourt Road, Toronto, Canada.
1913 Nov. 25.	{ WYNNE, MAURICE OKEOVER .. MOSTYN	{ University College, Gower Street, W.C.
1914 Mar. 24.	YORATH, KENNETH LOUGHER	Strathlyn, Lake Road East, Cardiff.
1909 Mar. 23.	YORK, WILLIAM HENRY	Tudor House, Alma Rd., St. Albans.
1911 Mar. 28.	YOUNG, JAMES	{ Woodbine Villa, Blyth, Northumber- land.
1912 Nov. 19.	{ YOUNG, JAMES WILLIAM .. McHARDY	{ Craignethan, Bellevue Crescent, Ayr.
1911 Jan. 31.	ZEMIN, REGINALD JOHN	{ 18 Elsenham Street, Southfields, Wandsworth, S.W.

Total number of Students 1,322.







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